

<210> 24143
 <211> 250
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700908390H1

<400> 24143

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 tcgcagcaga agccgattag agtcccatct cgttgaagat aaagaagatg atggaggaga 120
 ggttgacaat ggagtagaat gcgaggagga atctgctgaa agtgatctgc attctataga 180
 gttaaataatg gacaacaaca agagttataa gtggacctac cctcctgaaa gcagatttga 240
 tacaagaaga 250

<210> 24144
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908391H1

<400> 24144

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 caaacctgac aagcgtctta ttctcattgg cccaccttga tctggaaaag gcacccagtc 180
 accaatcata aaagatgagt actgcttatg ccacttagct actggtgata tgtaagagc 240
 agctgtagc 249

<210> 24145
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908394H1

<400> 24145

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tttctactcc gccacgccct acgacattgt tcgtcgtaac cctctcttcg ttccacttag 120
 gaagagaaaa gggtttggtt ggatatggaa ggtgacgagc acatgaacga ggttccatca 180
 gagaacagca acttgggaag tgattctttg gaaaaggaga acatttttga agatgaaaag 240
 gaggatttgc aag 253

<210> 24146
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908402H1
 <400> 24146

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 agtcacctcg aggtaagcgt atgtctacga tcactgtctg tgtgacatcg aaggtaatca 120
 ctacactcac gctgctatca tcggccaaga cggcagcgtt tggcgcccag agtaccgact 180
 tccctcagtt caaacctgag gagataactg ccacatgaa tgactttaat gagcctggat 240
 cacttgctcc aactgg 256

<210> 24147
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908403H1
 <400> 24147

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 gccaggtct catcttctct cggcctccct tccccaaac cccaccaatt ctcagtctca 120
 aacctcaccg atttcccttc tctcttcaca cacaccccca ctctccctt cgctccacc 180
 tccaaatggg cccggcccac cccaaagccc aacccaaagc ccctcctcaa aacctctcc 240
 gtctcgacc gcgcctcat cggcg 265

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908404H1

<400> 24148

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aattccaaat catggctagc ttttcagttt tcacgtctta cattgttttg agtctagtga 120
tggcactagc aattagcggg ttcaatttca aaggggcaga ggcagcacgt gccttctttg 180
tgtttggtga ttctctcggt gacaatggca acaacaacta cttacccacc acagctagag 240
ttctcgctcc accttatggc attga 265

<210> 24149

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700908405H1

<400> 24149

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attgcaagca taaaatggga ggacatgaat taatgttgcg tttttaagtt ctgaggaaga 180
ggaattggtg attgaagaaa tggcagatgc agcgaagggt acctacagag cctcaagatg 240
gtcccttaac ggaatgactg ctct 264

<210> 24150

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700908407H1

<400> 24150

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attattactc tatagagtcc acccttgccc ttgtagtctc ctttatcata aatatatttg 120
taacaacagt gtttgctaag gggttttatg gttctgaact tgcaaacagc attggccttg 180
taaagtctgg acagtatctt gaggagacat atgggggtgg actatttcca attttatata 240
tatgggggtat tggattatta gc 262

<210> 24151
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908366H1

<400> 24151

ccgattgata cacccttctt cgttcctcac tcaccagcca cggattctct cttctctatt 60
 cagtaaacgg ctgttttgta tacgagctgt cccggtctca gcctctacat cccaaaacat 120
 caaaacaact ggttgggctc cttgtatggc ttcttctca gttggtagaa gagctacata 180
 ttcaacacaa tctgtatcga caaatgagcc agttgtatct gtagattggc tttatgataa 240
 cctgaagg 248

<210> 24152
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908332H1

<400> 24152

cttaacgttt tcatgggtat tcgcttttcg tcctcccagg cgggcgcgctc ggaatcgctc 60
 ccggcgctcga gtttgggcga attgcccag agttgtgtcg ctcagatcat gacctacatg 120
 gatccgcccc agatttgcaa gctcgcaacc ctcaatcgcg ctgttcgagg cgcttctctc 180
 gccgatttcg tctgggagtc caagctgccg cccaattacg acgtccttct ccgccgcac 240
 ttgcgcgatt tcccctccca ttg 264

<210> 24153
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908333H1

<400> 24153

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 ggatccattg agagcctcat aaggaacaat attcaacaat ataagataga tatggccgat 120

gaggttatca atgctggacg tttcgatcaa aggacaacac atgaagagag gcgtttgacc 180
 ttagagacat tgttacatga tgaagaacgg tatcaagaaa atgtccatga tgttccttct 240
 cttcaggagg taa 253

<210> 24154
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908334H1
 <400> 24154

attcaaggct ctgtttatgt ggggtactgga tgtgtcttta atagaacagc tttgtatggc 60
 tacgagcctc ctattaaacc caagcataaa aagcctgggt tgcttcttca ctctgtgggtg 120
 gtaaccgaaa gaagagatca aaatctagca agaaaggctc agacaagaaa aaatctagcg 180
 agaatgttga cccaactgtg cccatcttta gtcttgagga tatagaagag ggggtggaag 240
 gtgctggatt tgat 254

<210> 24155
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908335H1
 <400> 24155

ctcttcgcaa tcttcttcgt ctctctccac aaagcacttt tgcgtttcgg tttgcttttc 60
 gtgctcatgg taattcctgt tgatgaaaag agcaaattcg gtcgaaaatt atccaggtac 120
 atatgcaagc acgtttgcgc ttactttccc atcacgcttc atgtggagga catgaaggcc 180
 tttcatccca atcgtgctta tgtttttggt tatgaaccac attcagtttt gccaatgga 240
 gttgttgctg t 251

<210> 24156
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908336H1

<400> 24156

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 ttatgtgttc tcttggttgc attgccaaac ttggctgtag tagagagtcg cagggctcct 120
 gttctggact attttgagta ttgtgctatg agctgcagag cttacagtgc ctcatggaa 180
 gaatttgag gggttgtga tggaacaact ttgaacacaa aagcttttca ggcagccata 240
 gatcatctga gtcag 255

<210> 24157

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700908338H1

<400> 24157

cccgaccacc ggcttgcaac gcgcagtggtg ttggttcggg ggtttaagga tcttcagccg 60
 tctgttgatc ccagtgcct atgctgatcc cgccgatgag tactgggtgc tcatcggtga 120
 ctgggttcggc aagagccaca ctgccttgaa acaaacattg gacagcggac gcagcattgg 180
 caggcccagt ggggtccaca tcaacggcaa gcgcggcggtg ctcgaggccc tctacacat 240
 ggagcccga aa 252

<210> 24158

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700908341H1

<400> 24158

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 gaaaatcttg gggaagtact tcgtggtgac cgcattgaga attctctcta tgtgtttaaa 120
 atgcgcgagc cacaaatgtg caatattctg tgtaatctta aacttgatgc taaaactgct 180
 aaggagtcca aagagaagat cagtgatgag tatcggtgga acatgatcct agataacctt 240
 cctctagttt ttccttg 258

<210> 24159

<211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908342H1

<400> 24159

atccaattga aatttttaaaa atgactggga taaacttaag aattcaatta ttgaaattga 60
 ataagtaaac aatttaattg gattgggtcga atgggtatcaa aaaaatggag tactaactcc 120
 catttcttat ttattattga attaaccgat caacttgctt tggtatcgaa catttctttt 180
 tgatttcaaa aattttccgg aaaaaatttg aatctatttt tatatgcgaa tcaatcctac 240
 tacttctggt cctga 255

<210> 24160
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908343H1

<400> 24160

cgccctccaa gcataaaatt tgcaggatta gacatttcca gcaacacttg aagtgggtcaa 60
 tcaatggcca tgaagccctc aacttccaca agtgggtctg gagagaagat tagaaagcct 120
 tatactatta ccaaacttag ggagagctgg tctgaggaag agcacgacaa gtttctcgaa 180
 gctcttcaac tatttgagca gtgattggaa gaaaattgaa gattttgttg gttcaaaatc 240
 agttattcag attagaag 258

<210> 24161
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908344H1

<400> 24161

catatccgc cctagctaca gagcagccaa aggggaggaa taataataag cctatatattct 60
 aaggccggaa aaataaaaaa ggaataacaa aaatgtctgg aaaggttaatt atctcggtctg 120
 tttctctcat cctggtggtt ggagtggcca taggtgtggt ggtggccgctc aacaagaagg 180

gcgaggatcc cacacttcaa tctcaacaaa aatcagtagg gggtatctgc caaaacactg 240
atgaccagaa gctc 254

<210> 24162
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908345H1

<400> 24162

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caagtacatt tacaaatcac ctccacctcc gggtttatatac tatgtctccc cacctccacc 120
tatctacaag ttagctcaaa ttgtgaaagc accattcatg atgaatcatg ttctagtttt 180
catcgaggaa taaaggcaag ctctattttg agccaagtga aacatctatc ttctgtcta 240
agttctttga ataaaagtc 259

<210> 24163
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700908346H1

<400> 24163

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cttctctggat ttggcactac aatgaacatt ctctatgggg atgggtgtttg tggacaaggt 120
gatgtggact cgatgaacaa tatcgtttcc cattaccagt attatcttga ctttctaggt 180
gttggtcgag aacaggctgg gcccctgaa atccttacat gcgctgagca gggtcctttc 240
aaccatctt ccaaa 255

<210> 24164
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908347H1

<400> 24164

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 cttcttcgaa tcgctcacia ctaagaagtt ttgcagttaa aaatactgca aagtacgggtt 120
 attccaatat tcttctccga aggcgtaatc tagcgcacga gtaagatgaa acggagaaaag 180
 cgcaccacag cgagagcaga aacgaagaag acagactgag cgacttacc gaatgcgttc 240
 tcctgcacat actaacatt 259

<210> 24165
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908348H1
 <400> 24165

cttttcttca agcttggttt cggaaaaaaa aaaacttaaa agagacaaaa aaaaaaaccc 60
 ctagaagcga agaagctgaa aaaaggctcc aaagatggat ttcaaaaact cttctcttct 120
 atgcctagct cttttccttg catgctcttc ggctattcgt gcatttggca tcacacaatt 180
 gctaggtcaa tatccagagt tttccacatt caacaaatac ctaaccgaaa ccaagcttgc 240
 agaccaatta aacagccgca a 261

<210> 24166
 <211> 81
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908349H1
 <400> 24166

ctcatgcatt cttaattaat gagttgagca atagcggtag ccaaactaag tcactacatt 60
 actaaagtag tactacatta a 81

<210> 24167
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908350H1
 <400> 24167

atcttccttt catttttcaa taacgagaga gagagagaga aacgtagttc agttcaattc 60
aattcaccac tgtcattccc aaatccgata gcaacttcaa ttcttcttca tttttctctc 120
ttctctctct ctgacaacaa ttattttgtg gtgacaaact cactcaccgg agtagcttct 180
tcgcgtttcg ttccgtctcc cgaatccggt cgatttcctt ttgagggttt gaccgcgccg 240
acgccgatgt ct 252

<210> 24168
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700908352H1

<400> 24168
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tttttaaact ctttggcaag gatccatctg attttccctt tcttatccga tcacagattc 120
tcaactgggt atcccacagt cccacggaga tcggagagct atataaggcc aggttggtata 180
atattgacga tatacctccg tcttgaaaaa tctgcatggg aggagctcta ctgtaatcta 240
ggatcaagct tgag 254

<210> 24169
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700908353H1

<400> 24169
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tgctgctaac tgcaatcgtc aacggcaaac agcacctaca aatttctaga cacaaacttt 120
tttcgcggtc gcatgatttt tcagaaaaga aaagctttta agccctcac tcatgcaatt 180
aacgtggaaa tatactgcaa gtttacattt cagtttctta tcaactgagat gtggagatat 240
agtatgatgc aaagtc 256

<210> 24170
<211> 252
<212> DNA

<213> Glycine max

<223> Clone ID: 700908355H1

<400> 24170

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 tttatttttc acgagtttaa gatatcatgg gtaaagagaa gggtcacatt aacattgtgg 120
 tcattggcca tgttgactct ggggaagtcaa ccaccactgg ccacttgatt tacaagcttg 180
 gaggtattga caagcgtggt attgagaggt ttgagaaaga agctgctgag atgaacaaga 240
 ggtcattcaa at 252

<210> 24171

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700908356H1

<400> 24171

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 acaattccac agaacattcg aaacaaaact tccttgacagg agctcaacct caatagcaat 120
 caacttggtg gtttgattcc agattccttg gcaaatatgg accttcagat actgggtgttt 180
 aaataataac gggttcatgg gtccaatacc aaagttaaag gctgacaaag tatcttatga 240
 ttctaattta tt 252

<210> 24172

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700908359H1

<400> 24172

aaggcagaca aagatctcga tttcttgcag ttgggtcata tgacaagacc atccgcatct 60
 tatcaattga tcctgatgat tgtatgcagg ctctaagtg acaaagcgtt tcttcagctc 120
 cagagtctct tcttttctt gaagttcaag catctgttgg cggtaggat ggtgcagatc 180
 atcctgctag ccttttcttg aacgccggct tacagaatgg tgtcatgttt agaactgtgg 240

tggatatggg tac

253

<210> 24173
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700908361H1

<400> 24173

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gctccaaagg atgtggctga ggagaaatct gtaattccag tgccttcttc tgatgacaaa 120
cctgatgagt ccaaggctct tgtcttagtt gagaagactc aagaagttgc cgaagtgaaa 180
ccaactgagg gctctgtcaa ccgagatgca gtgcttgcaa gagttgcaac tgagaagaga 240
ttgtcactaa tcaaag 256

<210> 24174
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700908363H1

<400> 24174

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ttgagggaaa tgctgatata cagataagca atcttcttaa tgatgtggta acaatttcaa 120
ccagtgcaga agacaatctt gagaccagga tggctaattc taccagctac atagttgaat 180
cttctactag tattagtggc tcaaaagatg ggtcaacaac atctgaatca actatttgca 240
gtgtgtgcaa ggaggac 257

<210> 24175
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908364H1

<400> 24175

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gctcattggc aaagaagcgc ttattgtcat atcggggttt aagaggttta acgatgacga 120
 ggataagctt cacaagttca tcaaaactca cgttgtcaga ctcttgaaga tggacatgat 180
 cgctgttctc actggacttg agcgccaaga acaagtttct ctcgctctca tgatgtgtaa 240
 ggtgatgcaa aagcaagat 259

<210> 24176
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908331H1

<400> 24176

aattagttca ttctctttgc gcagttccct acctctcctt tcaagatgca gatcttcgtc 60
 aagaccctca ccggaaagac catcaccctt gaggtggaaa gctctgacac catcgacaac 120
 gtcaaggcca agatccagga caaggaagga attccccgg atcagcaacg tctcatcttc 180
 gccggaaagc agctcgagga cggccgtacc ctcgccgact acaacatcca gaaggagtca 240
 acccttcacc ttgtccttcg tctc 264

<210> 24177
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908295H1

<400> 24177

ataaagttct ctctgcttct ctctcttaga ctcaaaaccc tattgctgac tttgcaatcg 60
 accccgatta tggccaacag taacctccct cgaagaatca tcaactgacac cagcgtttgc 120
 tcagtgaacc agcacctgga attagtgcgt ccccttcgga agacaatatg cggtatttca 180
 atgtgatgat ccttggccca actcagtcgc cttatgaagg gggagttttc aagttgcaaa 240
 ttattcgtgc cagaa 255

<210> 24178
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908296H1

<400> 24178

gcagatgcag atgcaacaaa cgcagcagca gctgcaggcc acggcggcac cattctcgac 60
 ctccactcct cctcctcctc ctccttcctc cggcggtccc gcgccgagg accgccgaag 120
 caggtggctc aagcaatgga caagctcgga caagccgaac gaatcatcgc cgacatccga 180
 atcggcgccg accgcctcct cgaagcgctc ttcgctcgcg cggcgcacct cgaccaaggc 240
 aacaagcctc tccaa 255

<210> 24179

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700908301H1

<400> 24179

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 aagtcacaaa agaacaagat tgctcttttg gtgacttcgg agtctctaag tccaaactgg 120
 tacaatggca acgacagatc aatgtttctc gccaaactggt tgttcaggac ggggtggatgt 180
 gtcattctct tgacaaacaa aaggtccttg aagcaaaggg ccatgttcaa gttgaagtgc 240
 ttgggtgagga ctcacatcatg t 261

<210> 24180

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700908302H1

<400> 24180

agatgatcaa gtatctgatt cttcttctga tgaaagaaca cgatcgagca cgcctcagga 60
 caataacact gaagctggaa caagagatgg agcgagaaat aacaatggta ataaaagcga 120
 gttgggtagg gaagagagtc cagactcaga atcacaaggt tgggggtccca ataagcttca 180
 gaaagtgaac ctttccaatc ctatggatca atccactgca gaagccacaa tgagaaaagc 240
 tcgtgtctca gttcgtgccc 260

<210> 24181
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908305H1

<400> 24181

atatttatgag atgggtacta ggggtgcagct aagaagctca aaaagattca atttcaaggt 60
 ttgtagtgga agttatgatg atgggttatgt gattgggtgaa gaggaagcaa gggatatttc 120
 aggggttagag gagcctgtaa caaccaaggt tctgattcca ggtctgcctg atgattcaaa 180
 aggtgaatct ggtgctccaa taagtagttg tttttgggga tggaaacctt aactcaatgt 240
 gcactatgag aaggccgggt 260

<210> 24182
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908307H1

<400> 24182

ctaaaatcct taaaagcaat ggtgctatca ccaaccccc tatgtttgct cgatattctt 60
 cttctttcttc ttcacctca gtgccttatg tttctaacta ccagaaacaa acagctccat 120
 ccccaacttc ttcattctggg aatagaataa gccctgcaat tcttgtcatc atagtaattt 180
 tagcagtggg gtttttcatc ttgggtttcc ttcacttgct tgtagattt ctcataaagc 240
 aaaggtcttc ctccaattc 259

<210> 24183
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908308H1

<400> 24183

gtccgcggca agatatccaa gtccattcga caggccttgg accagccctt gaattacgcc 60
 agaatatacc tggccgatac cataccagaa aacgtgaaac gtgtgatata ttaggactct 120

gacctggtgg tggttgacga catagccaag ctttatggtg ttgatatgaa aggaaaagtc 180
 gtggctgcgc cggaatattg tcatgcaaac ttcacgctgt atttcacgga taatttttgg 240
 tcggacccgg ttcttgccaa 260

<210> 24184
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908309H1
 <400> 24184

cgcacattcg tcccggcaag ggaaaaatgc gtaaccgccg ctacatctct cgccggggac 60
 cacttggtgt gtacggaacc gaagggtgca aggccgttaa ggccttcctg aacgtccccg 120
 gcgtcgaggt cgccaacgtc gagaggctga acctttctgaa gctggccccc ggtgggcacc 180
 tcgggaggtt tgtaatttgg accaagagcg ctttcgagaa gttggattca atttacgggt 240
 cttttgataa gccctctgag a 261

<210> 24185
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908310H1
 <400> 24185

cgacatcttc tgcaacacaa caactaaaca ttgttttgtt tactcaactc gcactttccc 60
 ttctccaatt tcgaggtctc aattccggcc acaagcacgc attgtttgtt caaggttcaa 120
 gccatcattc aagacattca tggaagtagt taatgaaact agacctgttt tcatctgata 180
 tacttaaaaa gggttcacat ggtttcttca gacaāāagtg cggatcaaaa tatcccttct 240
 gataaattgc agcagagagt ga 262

<210> 24186
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908311H1

<400> 24186

aacagagaaa aaaaaagttg tgaattttcc agttgcgttt ctgttccata caatttcgaa 60
tagaatggcg aggcctaatac aggaggcagt tgagacgttc gtcagcatca ctggtttgcc 120
agaagcagta gcgctacaaa aacttgagga gcatgggtgg aatctcaatg aagcagtcaa 180
tgcacatttt actgaaggag acagaaatct aacgaccggt tctcacaaca gctctgctgt 240
atttcctcaa gatgatttca t 261

<210> 24187

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700908312H1

<400> 24187

tttatgtttg tttttgcgag cgtaaggttg aggagaagag atggtgggag cacggccacg 60
ggacatagat gacttgccca agaacgccgc caactacaca gcgcttacgc cgttgtggtt 120
tctagagaga gctgctacgg tccacccac cagaaactcc ctcatccacg gatctcgctg 180
ctacacgtgg cagcagactt accaccgttg ccgtcgattc gcttcgctc tttctaata 240
ttccatcggt cttgga 256

<210> 24188

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700908313H1

<400> 24188

gatggectca caggtttgca aagctgcttc cagagccgcg aggtcccttc tctccgcttc 60
cagagcctcc catggacgtg cggttggggc tgctacggct gtttcattga gctgcaaagt 120
gcctcttttc tacggaaaga acggttcttg aagtggttcc gcttcatcat catcatcatc 180
atggatttca ggagcacttg ctcttctgc cgcagcttac atgttccaag atcaggaggt 240
gcgcgcagct gagctggagc gca 263

<210> 24189

002220"ETFE560

<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700908315H1

<400> 24189

tgaagccttt ccagtgtgca gctgcatctg cagccgggtc aatcattcaa aattgtcaag 60
ttgttttggtt tggagcaatc atcattgtcc aaattgcaat tttttcagaa ggatagcaag 120
aatttgggaa gttgctgaag caatagggag tagtggatac ggtttaggat cattgttata 180
ataggcaaaa ttgatggtaa tcgtacatag tggctaggaa gggatataat ggctactgct 240
gcagttattg gactcagtg 260

<210> 24190
<211> 266
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700908316H1

<400> 24190

gacattgtga ccaccacgac tcacaagagc ttgcggggcc cacgtgcggg gatgatcttt 60
taccggaagg gcccgaagcc gccgaagaag gggcagccgg agaacgcggg ttatgatttc 120
gaggacaaga ttaacttcgc ggtgttcctc tcgctgcagg gtggggcccca caaccaccag 180
atcgggtgctc tcgccgtggc gctgaagcag gccgcgtcgc ccgggtttta ggcctacgcg 240
aagangttaa ggcgaacgcc gttgcg 266

<210> 24191
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700908317H1

<400> 24191

gtaactaacc cagtccttg acttggttt ctggttcgat tcgatgcgat tctcggagat 60
gaagaagggc ttgatgcata gctatggcgt tgctgtgatt gtgttggtt tgagtttgtg 120
tttgggttca tcacggagc aattaagttc acgagaatgc gagaatctcg gtttcaccgg 180

actcgccttg tgctccgact gcaacactct ctccgagtag gtcaaggaca aagagttggt 240
atcggattgt ttcaag 256

<210> 24192
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700908319H1

<400> 24192

ctcttcttct cttgcggcta cggtttttagc gcagttcttc tagatttaag gaagatgggt 60
aacgaaaagg ttcacatcag tattgtgggc attggccatg tcgactctgg gaaatccact 120
accactgggc acctgattta caagcttggg ggcattgaca agcgtgttat tgagaggttt 180
gagaaggaag ctgctgagat gaacaagagg tctttcgagt atgcctgggt gctggacaaa 240
cttaaggctg agc 253

<210> 24193
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700908320H1

<400> 24193

gcgatggcga tcttgctggg cgaaattctt caatcgctgg agctgtggct gaagctgatc 60
aagaaccgc agcctcagcc ctacgtgaac cctaactctgg accccgtttt gctggtgccc 120
ggtgtcggag gctgcatgct gcacgccgtt gacgaatccg aaggaagccg agaacgcgtc 180
tgggttcgct tcctcaacgc cgagtacacg ctcaagacca agctttgggc gcgttacgat 240
ccttcaccgc gaaaaacc 258

<210> 24194
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700908321H1

<400> 24194

gtcaggtgac atgcggggaa ccttatggtc ccgcaccttt tgccgacgag gggtaaacga 60
 gcccgttgac gtgcagagac taacatcggt tctgcacct tttgtcatcc tgacccgtga 120
 agtcaggtga catgctgggc aaccttatgg tcccgagct tttgtcaacc agagtcaatc 180
 gaggacattg acatgcgggg aaccatttgg tctcatactt ttttcacatt ttgtcat 237

<210> 24195
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908322H1

<400> 24195

gaaagagaag cattagcaaa agcaagaaga actagtctaa gcagaaatgg cctcttcagt 60
 gatggcatct gtggccctca aacctgcccc tttcactggt gagaagtcct cagttagagg 120
 ccttccttcc ctctcaagga actcctcttc attcagagtt gtggccagtgt gtggcaagaa 180
 gatcaagact gacaagcctt atggaattaa tgggtggcatg gctttgaggg aaggagttga 240
 tgcattctggc aggaa 255

<210> 24196
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908323H1

<400> 24196

ctttttcttc tttgcttgcc aaaaatctta cacacacagg tatctagaaa atgggttctc 60
 accagcaaga accatggcta ttggagaatg ggaaaccgag ggtgttgacc aaggagaata 120
 ggcattggccg ttctgcacac agcatgtcct ccacgtcttt gcgcaagaag tctagccgaa 180
 ctcttgtctc caagcttcca tgtgccacac tcagaagcat ccttttaaat ttgcaagagg 240
 ttattcttgg taccaa 256

<210> 24197
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908326H1

<400> 24197

ccgccatttt ccgatcatca aatcaaatec .tctttattta tttatttttg cttaatctac 60
 aaaaaaaaaat aataacaaat gggtctatga gactcacgaa tacgcatgcg atggatctag 120
 aagggtggaac aactcgtcga aactccgtta agagagagtc gtggagaacg gttgtgcatc 180
 tggcgtacca gagtttagga gtggtgtacg gtgatttgag catttcgccg ttgtacgttt 240
 tcagaagcac gtttgcgga 259

<210> 24198

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700908328H1

<400> 24198

cttcttccca accactacta ctcaactcact gcagatctca attgcatcgc tgtccatggc 60
 taccatcggtt agcatcaagg cccgccagat cttcgacagt cgtggcaatc caactgtcga 120
 ggtggatttg acttgctccg atggtacttt tgccagagct gctgttccaa gtggtgcatc 180
 cactgggatt tatgaggccc ttgaattgag agatggagga tctgactacc ttggaaaggg 240
 tgtatcaaag gctggtt 256

<210> 24199

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700908329H1

<400> 24199

tgtgaagatc tcaaagtga gtacaacgaa gagatggcaa agagaaagaa actcttcaat 60
 gaagttcaag aggctaaagg gaacattagg gttttctgtc gatgtcgtcc attgaataag 120
 gctgaaatct cagctggatg caatacaatt gtggattttg atgcagcaaa ggatgggtgc 180
 cttggaattt tgacaagtgg ctccaccaa aagtcattca gatttgacag agtttatata 240
 ccaaaagatg atcaagttga t 261

<210> 24200
 <211> 263
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700908330H1

<400> 24200

actcaacctc actcactcgc tcattcgctc tcttcacagt ttccagtcga gggttccccg 60
 tcnnaatcna aaccgaanan ananaaaacg tcaatcctac acacacacac acacatatca 120
 cctaaccatc gtcggtggga ttcgaaggca acggcgctgt ttcttcgccg ccgcaagctc 180
 tcatcgagag actgaaagac tacggccaag aagacgtttt cgccctctgg ttacgagctc 240
 taccgccgagg aacgcgagtt tct 263

<210> 24201
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908294H1

<400> 24201

agaacagtgt aacaaaaaga agaagaaaaa caatatgaag ttactataa tcacaatatt 60
 tttctcttta tttctacttg actttgggtt tgcacaacag ggggatcttg catatcaaga 120
 tttggaggaa aaccaaatac aaatatagcg caggctttct taagtgcctg gactcaagca 180
 tgtgcatcac caactgctgt caaaattgtg attccagctg gcacatacca aatgggtgca 240
 gttgatgtca aagg 254

<210> 24202
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908261H1

<400> 24202

ttggcattga gtgtgaaaca ggctaataaa tgtgagtggg tcaccgccgc aacttccaat 60

gtgcgagcac ttactcgtct cactgtcttg ctatatttgg gtgagaacac agagatagtg 120
 gaggttcaacg agatggagca aataaagcac agaacagttg aagtgaatgg cataaaaatg 180
 catgttgcag agaaaggaga ggggccagtg gtgttggtcc tccacggctt ccctgagctc 240
 tgggtactcat ggcgc 255

<210> 24203
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908264H1
 <400> 24203

aagaagaaga agaagaagaa aaagggaaaa acgcaagaaa aatagaggaa gatcgatcga 60
 gatctccctc gcgtttgtct cagttgaaga aattaaaaag cagaactaga gtaaccaacg 120
 gtctcagaat tttcagggtt ttcagtactt ccatattttt tcttcgggat ttgagttgga 180
 agaagatcga agaggtttct agttgcttca attgttcctc tgggtggtgg agacttggtta 240
 tattttttaa atattgacaa 260

<210> 24204
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908265H1
 <400> 24204

caaggatggt gttcatcgtc cgatggcgca taaaacgcaa ccaaagcctt agcaaaggca 60
 tggtagcctc aagcatcctt gagccaggag ggtttttggg tgacgagctg ctttcatgtg 120
 ccttcgcagg ccgtttatcg atagacttcc ggcctcctcg gctacatttg tgtgtcttga 180
 atcatcagaa gcctttggcc ttgatgccaa tcacttgagg tacatcactg atcacttccg 240
 gtacaaatth gcgaacgaga ggctga 266

<210> 24205
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908267H1

<400> 24205

gttttgatcg tccctcttcc caatttcagg gtaagctttg gatctcggat cgggtgcctta 60
 cccatctttt cgaaatcttc aaggaacgct ttgggacact aaagtttcca aatgtagagg 120
 gaagaacaga atgagaggga agacttgaat caggattcag gggtagagata tttgaggatg 180
 gttacttatg gtgaaagggtg ggctgaaaaa taggaagtaa gcatggaaaa tttggtgagc 240
 aagtaatttg atctgctg 258

<210> 24206

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700908268H1

<400> 24206

ggagagtgag aataataaag aaagaaaaag aagggttttg ataaagcaaa agaattattat 60
 tgaaacataa attttggact ttctttgcat ttggcaccca cccacaacg aaataaacia 120
 aacaagcaca caaccagaga cacgcacacg catatagaga gagagagaga gagagagaag 180
 aagaagaagg aagcagagga agaagaagga ggagatcttg agagatcagg tcgcaactga 240
 tcatggggag ag 252

<210> 24207

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700908269H1

<400> 24207

gttgatcgag ataactagaa acagtgtgat gaaaatgaag gtccttgttt tcttcgttgc 60
 tacaattttg gtagcatggc aatgccatgc gtacgatatg ttccctctcc gaagaacact 120
 ggctatgggtg cccgtactcc ggaggtgaaa tgcgcaagtt ggaggcttgc tgtggaagca 180
 cacaacatct ttggctttga gaccattcct gaagagtgcg ttgaagcaac aaaggaatac 240
 atccatggcg aacaa 255

<210> 24208
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908270H1

<400> 24208

ggaaaacaaa gtatagagtg aaagaatggg tgagaaaagc aagattttga tcataggagg 60
 caccggctac atcggcaaac atatagtggg agcaagcgca aaggctggaa atccactttt 120
 gctttggtga gggaatccac actctctgac ccctccaagg cacaactcat ccacaatttt 180
 gaggctttgg gcgttaattt ggtccgctgg gatctgtacg atcatgagaa gttggtgaaa 240
 gctatcaagc aagtaga 257

<210> 24209
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908271H1

<400> 24209

gctcttcttc cagacagcag cagcaacaac aaacaaactc tttctggatt cagtttttga 60
 tgtgaaaatg gcagtgactc ttacatcaac actctttctg gctttgctat ttctgcttca 120
 gcttttgctg ctcttcagcc tagagtacct gaagcttacc tccaaaatgg gaactttgag 180
 gagcagccaa accctaaata cctgaagaaa acaaagctct ttggtaaata cgctttgcct 240
 aaatgggaga tcaat 255

<210> 24210
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908272H1

<400> 24210

ctctcgttgt agcgtaggca gcagttgaat ttggaaaaca agatctctca ccgcaagttc 60
 gaccacccga gacacggttc ccttggtctt ctccaagga agcgagcttc tgtcatcgcg 120

gaaagggtgaa ggctttccca aaagacaatc ctagtcaacc atgcagggtg actgcctttg 180
 tgggctacaa agctggaatg acccacattg ttagagaggt tgagaaacct ggatcaaagc 240
 ttcacaagaa agaga 255

<210> 24211
 <211> 149
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908273H1
 <400> 24211

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 tgatgattca tgataacaac aaatggccga ctccagatac taaattgttc atgttggttg 120
 aatgtaatct tttgcacaga cttttggac 149

<210> 24212
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908274H1
 <400> 24212

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 acggcgagaa gcttccaact cctctctcac gcgcggacct cccctccgg cacttctgca 120
 ccgacggacg ggtaaaggat aaagggatga tctacacagc aattgacaca ttctacctca 180
 cagatgagca gctagcaatc tcaccttcta gaaatgatgg catacatgaa gccactgaga 240
 ccagcctt 248

<210> 24213
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908275H1
 <400> 24213

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ttgaacaaat ggtgcgggct ttgccttccg atgctgtcaa ggagttattg tgcacggggt 120
 gggttcgctt cattgcttgc aattcttctt cttcttctgc taaccttctg ctatttcaca 180
 gctcctatat gaaaaccaa tatggatccc aacctttgtt ccatgaaaac ttgcacagtg 240
 gatgcattctc 250

<210> 24214
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908277H1

<400> 24214

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 ttggaggatt gtggagaagg aagtgttgag gttgattgtg gagttgaaaa ggattgaact 180
 tgttttgttg attattgttt gttgaagttt ggtttttctc tcaatggctg tagaggagtc 240
 tgagcctgtg attg 254

<210> 24215
 <211> 257
 <212> DNA
 <213> Glycine max.

<223> Clone ID: 700908278H1

<400> 24215

ctcgagccgc tatctgcttc ctgtagtac ttcatgaga gagacatgga cactgtacta 60
 agtactacgc tgctactcat gttggcatgc tccatcgctg atgttcttcg ttactacaag 120
 caagaatgag aagaaaatca aactacaatc ttccaccagg accctctctt ctcaccatca 180
 ttagaaactc taaacaactc tataaaaagc cacagcagac aatggccaag cttgccaaaa 240
 cctatggccc cataatg 257

<210> 24216
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908280H1

<400> 24216

cacgtttccc ttttcttttg ctcggaagc ccagtcacg tcgaactaca tcaggttgca 60
 cgtaaatacc gtggacaacc ctagacgatc caacgggcga gatgtactcc gcgattttta 120
 caaagacgtc aatgctggtg agtactctcc gtactatctt caaggagcaa ttacggctct 180
 gcagcggtttt ctgccgtcta acgaaacgga cgctgactcg gacacggagg ctcaaccgca 240
 cgcgggcggtg gacgcgtact cgtgcga 267

<210> 24217

<211> 276

<212> DNA

<213> Glycine max

<223> Clone ID: 700908281H1

<400> 24217

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 ccttctttct actgctactc accaaggcaa actcaaccaa caccgtttct ttcacgtca 120
 gcaagtttcc ccacgccaac aaaaccttat cttccaagga gatgctgcta tctcacctc 180
 cgggggtgta cgactacca aggttgacag caacgacgtg ccaacgacgg gatccctagg 240
 acgtgccctt tatgctgcc caatccagat ttggga 276

<210> 24218

<211> 111

<212> DNA

<213> Glycine max

<223> Clone ID: 700908282H1

<400> 24218

aaatgatcac aatcaggtga catgcggata agtgagtgat caatgagtgg ctctgcctgc 60
 ccacttcggc gctctattct atatatagcg atggcatcca ccacacctgc a 111

<210> 24219

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700908283H1

<400> 24219

ttactaccaa gttctctgtc tggggagttc ttagcaccac caccagcttc tgcagtagct 60
 ttaagctacg aaagattttc cttgaccatg gggcaaaagc atttagtgac gtgttctgtt 120
 tatgggcttt gacatgttcc catcttctat ctttctcctt tggaattctg agaatttgct 180
 tgaagaagag acctctagat cttgatagta ttaatgctgc tagaaaggca agagcaagtc 240
 taagatctgt aagacc 256

<210> 24220

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700908285H1

<400> 24220

ggaaagcaaa acatgcctac acagcataaa tcagaagaag cataaaaaaa tagcaacacg 60
 caacacattc tcaacaaaag aagcaaagca tgtgcacggt tacacaaatg gaatacgttg 120
 accatttctt tgcttccaaa atccataacg ttactttctt catcttccat ggataaaaca 180
 gtgaggttgt gggatttgga aactaagtcg tgcttgaaat tctttgcaca taatgactat 240
 gtgacctgcg tgcagtt 257

<210> 24221

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700908286H1

<400> 24221

ggagaagaga acggaggaga agagcaatag ctgcgaaaat atactctgga cttcgagctc 60
 aggggaactt caacttgcca aagcactgcg acaacaacga agttctgaaa ctctctgcgc 120
 agaagctggt tggcgcgtgg aagaagacgg aaccacttat cgcaagggtt gcaagccacc 180
 tctggccaat ggtgcaggga gctccatgag aaacattacc ttttcttctt ctcaaaatcc 240
 aagtcctctg tcttcg 256

<210> 24222
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908287H1

<400> 24222

cagttcttca caccaatcat gtaccgcttt gcaacstccc tcgcctccaa agctagaatt 60
 gctaggagca gcactcaaca gattggaagt agggtcagtt ggaacaggaa tatgctgcca 120
 aagacattaa gtttggtgtg gagggccggg ctttgatgct taagggtgtt gaagagctcg 180
 ccgatgccgt caaagtaacc atgggcccta aggggcgtaa tgtggttatt gagcaaagtt 240
 ttggagcacc caaa 254

<210> 24223
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908288H1

<400> 24223

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 agttctcaga aaggcaacca attggtacag cagctcaggg tgggtgtgac aggactacaa 120
 ggaggcagcc ccagctcctt tgtttgaacc tgggtgagctc aaatcatggt ccttctacag 180
 agctggaatt gctgagtttg tggcaacttt cttgttcctc tacattacca tcttaactgt 240
 catgggtgtc aa 252

<210> 24224
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908289H1

<400> 24224

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 cgctccgttt caatggctca gcaagacgct caaaacggcg ggctcggagat gccgctgctg 120

ctgctacggt gtcgtttgtc gctgtgaagc cgcagctcct cgtcgaagct cccaaagcca 180
 acgacgccat tctgttcttc aaggctgcgt ttggcgctga ggaagttggc cgtacgtca 240
 accctaagcg ca 252

<210> 24225
 <211> 108
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908290H1
 <400> 24225

gagaaaattg aattgcgtga gtgaaagtta catcagcccc ttacgcgcaa accaattcca 60
 attccctttg caagcaagca atctcagata gctgatccac acaatccc 108

<210> 24226
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908260H1
 <400> 24226

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 catagcttcc aaatccaaag atgctgccat ccagccatg tttgttaggg cagagcagag 120
 caaccaggca tcacaaccgt tcaaggggtg aaccttgagg tgccaattat tgattttagt 180
 gaccagatg aagggaagt ggtgcatgag attttgagg caagtaggga ctggggcatg 240
 ttccaaattg tgaacc 256

<210> 24227
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700908292H1
 <400> 24227

atttccacac gtcataatag ataaagncca gttgaagtga tactattgaa cagccgatat 60
 atgacactct catgatatan cntgtatctt gtgaaagtag cattagacaa taatgagtgt 120

tgactaatct cttgtttttac tgatctttct aaaatataaa gctacagaat acaaagtttg 180
 tatgggttgaa gccaagcaat ttgtcgggat ttttgtttat ctcacaatat gttagagctt 240
 tgttttgaag tt 252

<210> 24228
 <211> 89
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908293H1
 <400> 24228

tgagagcaag agaatatccc ttgtcgggtg aaatcacact gccgccagat tttgcactcg 60
 ctaaaacaat attcattcca caacctttt 89

<210> 24229
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908230H1
 <400> 24229

aagatggctt cctttgtatc cttcctagtg ctgcttcttg cagcccttat cctcatgcct 60
 caagggcttg ctacttacta caaaccaatt aagaagccac cagtgtacaa gcctccagtt 120
 acaagccacc agtgtacaaa ccaccgggtt ataagccaaa accaccgggt tacaagccga 180
 aaccaccggt ttacaagcca ccatataaga agccaccata caagaaacca ctatatggag 240
 agtatctcca gtagaggac 259

<210> 24230
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908231H1
 <400> 24230

aagcattgtc tggccacaag gatgaggcct tcttctctgg taatgctgct gctctggctt 60
 caaggaagtc ttctccaaga gtgaccaacg aggctgttca gaaggctgct gctgcattga 120

gggttcagat catcgccgtg caacaaatgt cagtgccaga ctggattctc aacaaaagaa 180
gctcaacctt ccaatcctgc caaccaccac tattggatcc ttccctcaga ctgtagaact 240
gaggagggtg cgccgtgaat tcaag 265

<210> 24231
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700908232H1

<400> 24231

attcaaattc aatggccctt ttacattaca ctaataattg gcctcctagt aaacacccta 60
gtactctata aatagcattt gcatgcacct tagtcttcac caaaatactc ctcttggcat 120
ttgtgttggt tcctctttt aagctatttc cttctcttaa cacaattggt tgtgccaatt 180
gccatagtca ccaaccaatt aacaaaggta tatatatcat catatcatca ccaaatgaaa 240
aatattgggt tgttttttct tgtggt 266

<210> 24232
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700908234H1

<400> 24232

aaacaatggc tcaacctca ccggtggtgt tattgctaac cgagagggtg tttcatgggc 60
aacaaggac aagattcaac aagccaatta ctttgggtcg ctgaccagg catcagctat 120
tgagttgggt ctttccaagg ggaggaaata tatgccccat tcaagagcct gttccaatg 180
gtaaaccctg atgatgtgt gtttggggga tgggatatca gtaacttgaa cctggcagat 240
gccatggcca gggccaagg gtttgat 267

<210> 24233
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700908235H1

0953113-03200

<400> 24233

ctggcgagga aggagaatcc aaagtaaccg agcaccatac cagacacaag actgccaaat 60
ccaacgcaaa taagaacaac agagaaacct ctgcggacac ttccaaaggc tccgagggtta 120
aaatcagaaa ccagactaca ttcatgtccg agcgcgtcgt ggacaagcca cggatagtca 180
tagcttagct gaaagagtaa ggagggagaa gattagcgag agaataaagt atttgcaaga 240
tttaataaccg ggttgcaaca aagttgc 267

<210> 24234

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700908237H1

<400> 24234

cgcaatcgca atccagcgaa tatgaaggtc gtcgctgcat acttgctcgc agtggttgga 60
gggaatcctt ccccttctgc cgatgacatc aaacacatcc tcggcgcaagt tggagctggg 120
ctgagaatga gttgattgag ttgctcttga ctgaagtcaa gggaaaagac ttcaatgagc 180
taattgctag tggaagtga aagatgtctg cagtgtctgg tggcggtgca gcggttgccg 240
ttgctgctgc accagctgga 260

<210> 24235

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700908239H1

<400> 24235

ggcacactta cgttttggcc acaccgaagc gcaaccgttc cgatgacgtg gacggcggt 60
aggcgaagaa gctgctgttg cagcacggcg aggcagaccc ggcgggcgcg ctggcgaggc 120
gcggcacgag ttcggggacc acggcggggg gaacatgtcg atcgaggcgt cggcgacgtt 180
cacggtgatg gagccggaga cgatgcggcg catgttcgcc ggtgaactcg gccccgaccg 240
cgacttcttc atctacagcc gcc 263

<210> 24236
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908240H1

<400> 24236

gtgaaacccc aatcccaata cactcccaac tcacaaagcc atgtctccag gtctgtttgt 60
 cgacgcttcc cctgaggttg aagcagagca acaacttccc tccgtcgatg acgcaaccag 120
 ttgaagaaat cccaaccgca ggaggatgat gctcccgttg tcgaggacgt gagggatgat 180
 gacaaggacg acgacgatga ggacgacgac gacgatgatg aagatgacaa ggaatacgat 240
 gctctaggtg gtgctgaggg tt 262

<210> 24237
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908242H1

<400> 24237

ctcctcagct gtgtgatgat tcattttctaa accctaattc tccttgtttc cattgctgct 60
 tcattgtttt ttaagcaatt ccgagcattg atcaaattggg ttttggttca cttccatttt 120
 ctgaaacagc gtactctcaa aaaaaatata tgatcacatt ttctacttct gcaaattctg 180
 catttttttc cctctctttc tttctggggg gtctgcagaa caagggaatc tcacagattc 240
 cttgtgtttc tctttggtt 259

<210> 24238
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908243H1

<400> 24238

caattacaga ggctaagacc tcaactacaa atagtgcctag gcttcattgtc agttctcact 60
 cgtgaagtta aggaagttgg ccatgggtggg aaagaggtga ctagggcggt gccagcgtat 120
 cagaaaaagt gaaggattct cttgtgaaga acattagaag atgaatgacc cccaaccct 180

tgaaaattag ggcagatatt gaaatgaaat gaaatgtttc caggttccaa gaaaacttgc 240
acagtggatg catctctaca 260

<210> 24239
<211> 257
<212> DNA
<213> Glycine max
<223> Clone ID: 700908244H1
<400> 24239

gtctcgtttc aaatattaat tttaggttct tcgttacgcg ttgtgttgcg ttgtgcgtga 60
gaaagtgcgc gtggtgaaaa agcatggctt ctcagctcct gagacgaacc ttcgaggtcg 120
tttccttgca aaccctaggg ctttctctc cgctgcttcc actccgatcc gcgccactct 180
tttccccggc gacggcatcg gccccgagat cgccgattcc gtcaaacaga tattccaagc 240
agctgatgtc ccaatag 257

<210> 24240
<211> 259
<212> DNA
<213> Glycine max
<223> Clone ID: 700908245H1
<400> 24240

cagaaccaac aatgtcgttc cccttcaacc actctcaccg cagggacgac gacgacgacg 60
acaaacgacc cgccgtttac ctcctccgg gtaacacctt caacaaccct ccaccacctt 120
ctacggcgtc catcagccag aaaccacgt gtcccatgtc ttcaacaaca gcaactactc 180
cgctcccccg catccaccac cttcccataa ccaccaccat gactccttca ctcacggagg 240
cggcagcacc gtgcaccac 259

<210> 24241
<211> 248
<212> DNA
<213> Glycine max
<223> Clone ID: 700908246H1
<400> 24241

gtggtttcaa cagtgaggca attcctgaag caaaggatgt tgtaagaatc gatttggtgg 60
 gaggcctttgc tttgcaaaaag gtgacatcag aaagaagtta ctttcggaca atagcaatat 120
 ggatataaaaa ctgaattttg tgccctccatc ccttataaac tttatttcaa gacagctcat 180
 tggcaatggg ttcagactct atcagaagac tgtgtcttct atgatatggc ccagtttgcg 240
 gaaatcca 248

<210> 24242
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908247H1

<400> 24242

agctgatgga atactaatat ggtctgcaat agaagactgg gttcgaacct atgtgaacca 60
 ttactaccct cactcaagcc ttatatgcaa tgacaaagag ctacaatctt ggtactcgag 120
 tcaatcaatg taggccatgc ggatcttagg cacgaaaatt ggtggccaac attgaacaat 180
 agtgaggatc ttgtgtccat tctttccaca ttgatttggg cttgatctgc acaacatgct 240

<210> 24243
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908248H1

<400> 24243

cacgtttccc ttttctttct gttgagaacc cctgctattc ttccactcag ggggtcccact 60
 cgtttgtagg agaatagggtg gtgtttccgg caacgtgctt ttttggacac aaaccttcgc 120
 cggaaccctg aattaagcac ttaatgtgaa ttctgagata caataacaat aacaatgtct 180
 tctcctcata actcttctcc tgatgactct agccctgata atgcaacacc tgataactcc 240
 acccctgatg actctgacaa c 261

<210> 24244
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908250H1

<400> 24244

cgctgctgcc gaaacccttc ccgatcccta aggtaagtga gtaatcggcg gttgagaatg 60
gtggagaagg cgaagggttag gaaggaggag gtgggttacca gagagtacac cattaactcc 120
acaagcgctt ccattggctgc acattttaaga agaaagctcc taaagctatt aaggagataa 180
ggaaatttgc ccaaaaggcc atggggacca atgatgtgag ggtggatgtg aagttgaaca 240
agtttgtctg gagccaggga atc 263

<210> 24245

<211> 139

<212> DNA

<213> Glycine max

<223> Clone ID: 700908251H1

<400> 24245

ctagtcttag atcgcgagct gccgcctttt tttttttttt tctaccgagg aaaggaaaga 60
attggaaaag ggggaaaaaa ccacggggcc caagattccc tcttctctgc ttgggaaaaa 120
gagaaaacaa acaaaccat 139

<210> 24246

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700908252H1

<400> 24246

ccagcaccag cacctgcacc tgcagcagca gcagcaccag cacctgcacc agcaccagca 60
ccagcaccag ctgataagca aattccagct ggaattcctg gaagtctcaa aaacaatacc 120
atcgcgctga tgggcaaaac tgtggcaact ttctdactga tcggccatct accaagggtc 180
atgctgcccc ggggtggtgga tcttccttgc attacctctt tgggtggtcct ccagggaact 240
gattcatacc taccatgtga t 261

<210> 24247

<211> 261

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700908253H1
 <400> 24247

ggaaatgggt gtgaagatgt attctgacat ggctactctt caaactatgg acagcatatt 60
 ctatgaagtg cagtcgcaag gtagactttc cttctacctc acccaaattg gggaaaagca 120
 gttaacattg catctgctgc tgcactttct cctgatgaca tcatattgcc tcagtaccga 180
 gagcctggag ttctattgtg gcgtggtttt aactgcagc aatttgttca tcagtgtttt 240
 ggaaacacac atgatttttg a 261

<210> 24248
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908254H1
 <400> 24248

attaatttat cttctcccat ctaaaatcta tatataatat attacatctg aggttcaatt 60
 ttctaagct cacatttctt ttgtgtttgt gagtaatttg caaacacacc aaaacatctc 120
 tctctctctc tctctctcca attcagacct ctagttctgt tggatcttgc atatagtaac 180
 cctttattga ttgcgaaaga tgaaggtcac agtggtttct cggagtggaa gagaagtggg 240
 taaaggtggc attgagctca 260

<210> 24249
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908255H1
 <400> 24249

attgcatttg cattaccatt cacaatggca atctcctcca cttccaactc cctcattccc 60
 accaaatctc taatccccca atcccacccc ctcatcctca acaccaggcc cgcccccgcc 120
 ccaagcccgcc cccatcccct tccatcttcg ccgttcacgc cgccgagccc gccaaaaacc 180
 ccgtcgtcac cgacaagccc aagccccaag cccaacaacc tcccccgccc tcggccccgg 240

261

<400> 24250

<400> 24251

<400> 24252

10040

gttttttgtg gtaacaggat tcaacaatga agagcacagg acagtggagg tagttggcct 180
 aggagaatgc gcagactgca ggcagaacaa tattaagaat aaccacgctt tctcagggtt 240
 acgtgtgacg gtag 254

<210> 24253
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908229H1
 <400> 24253

agagaaccct tccgacagac tctttactct cgttcacagc ataaaaacag caccgcttta 60
 caaatgacac cactattatt gtgagataac ggccattatt cttcttccga ccattccccag 120
 aatgcttttc tcacccttcc tcaactctac tttcttctc ctcttctctt cttccgttgc 180
 tgcgatttac tcagcggcaa catgttctaa catagtgcg ctgagatacc gcagcgacag 240
 aatctccata acggacttcg gtgg 264

<210> 24254
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908186H1
 <400> 24254

cttcaatctc atctccgac tcaaatgcc cgctgtttat ggagctcgct tgaccacctt 60
 cgaagactcc gagaaggaga gtgaatacgg ttacgttcgc aagggttcag gaccgctcgt 120
 cgttgcggat ggcattggctg gtgctgctat gtatgaactc gtgcgtgttg gtcattgataa 180
 tctctgtggt gaaattattc gtctcgaagg ggattctgct accatccaag tttatgagga 240
 aactgctggt ttgatggt 258

<210> 24255
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908188H1

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700908194H1
 <400> 24258

ggatcaacac gtatcccagc tggtcaggag cttgtaaaga agttgactgg caaggaccca 60
 aatgtcactg tcaatccaga tgaagtgggt gccctggag ctgcagttca ggctgggtgtc 120
 ttggctggag atgtcagtga tattgtgctg ttggatgtca ctccattatc tttgggtctg 180
 gaaactctag gtgggtgtgat gacaaaaatt attccaagaa acactactct tcccacctca 240
 aagtccgagg ttttctcaac 260

<210> 24259
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908195H1
 <400> 24259

agctaattgat aatcttattg aagatcttcc ctctttgggtg tgcaatcttt ctcaattgaa 60
 gtcactttgc ttggataaca ataatgtgaa gcagatacct ctgaatttat tgaaagactg 120
 cattgctctt cagaacatat cactgcatgg taatcctata tcaatggatc aatttcagca 180
 gatggagggg tttcaagagt ttgaagcaag gagggaaaaag aagtttgaca aacaaattga 240
 ttcaaattgtg atgatcggtt cca 263

<210> 24260
 <211> 273
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908201H1
 <400> 24260

ttctgcagtt ggtgactgct tataatctata atagatgact tgaactatcc ggaaaaggca 60
 gacacatact atattggtaa tgcaccatat gtattctcag cgtgttgga ggtttgtgca 120
 taccttctga tgtttgaaga gtttggactg cttcacttgc atccttaatt tcataaacat 180
 cgttcagatc ccaagatgaa cagctcaaat atcttttctt caataatatg tggaagggtg 240

tgaagcctct tttgcaataa agaaccagga gaa 273

<210> 24261
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700908204H1

<400> 24261

cagtaggggt cccaagtgga atgtattgtt tctacctatc gcatgcatcc gttttgtctt 60
cttcttattt tagatgtggt gttgtgaaat ctaatggcat gcttagaaat gtacaacaac 120
tcagagacaa caagaacaac aagggtgata atcatcacca tcatcatcaa tgcgctccaa 180
tgagcccaag aatctctttc tcaaattgatt ttgtggatgt gcaacaagcc atgaagctgc 240
aagaacaaag aggtggctca tccagatcag aca 273

<210> 24262
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700908205H1

<400> 24262

ttttccctcg ttgaaatgaa aatgggttct tctttgtgga ctttgtgtct aattttggct 60
tcactagcct cttctgcatt ctgtgccttt ccacggaggc cagtggatgt tccattcggc 120
agaactacgt tcccacttgg gcttttgatc acattcaata cttcaatgga aggtctgaga 180
ttcaacttca tcttgacaag tacactggta ctggcttcca gtccaaaggg tcatacttgt 240
ttggtcactt cagcatgaac ataaaga 267

<210> 24263
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700908206H1

<400> 24263

cttttcttgt ttcatttctc gctttatcct tagtttttgt tcttcaacgg atgaaggaat 60

catcttgatc gtacggaact tgttctatct ttccgtaatc gaacttggtg gccactgtat 120
 ataataagtt cagttcaaca acacaatcat tttgtatatg atcaaattaa gtgatggggg 180
 gcattctgttc taggaagaga gatgagcatg agcatgttgt ggaagatgaa ttacacagag 240
 gagtctcggg gaggtattgt aggagtg 267

<210> 24264
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908208H1

<400> 24264

tgtaaatggc aactcttggc ttgcaagcag ttcgtcctcc tccattaacg tccacttccg 60
 acccaacacc tctttttgat ggcaccacca gggtgtacat cagttattcc tgtccctatg 120
 ccaacgagta tggataacta ggaactacaa ggggcttcaa gacaagatca aattgggtccc 180
 tattgatctt caagacaggc cagcttggtg taaggagaaa gtctaccctg aaaataaggt 240
 gccatccttg gagcacaatg gcaag 265

<210> 24265
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908210H1

<400> 24265

gtagtattat ttcattgatt tctccctctt cgctctctct cagtgaccag agacagatga 60
 tgatggagat ggccaacgaa acgctgtcgt tgcggcactc gcggcggttg tgctactcgg 120
 gcgagtgtgg cgggtgatgc tcaggagaac tcggacgtga agacgctggt gaagtacaag 180
 cacgggaaga agtactgcga caaaggatgg gaatgtaagg gctgggtcaat ttactgttgt 240
 aacctcacca ttaccgatta tt 262

<210> 24266
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908211H1

<400> 24266

gctcaacgtc gctgataatc tcattctccg gccattccg agaaacttcg gttctctcag 60
catgctgagc cgggccttgc tcagcggaca caggctaagt ggggccatcc cgagctcggc 120
tctcagattt accgtctggc ggatctggat ctgtctcgta accagatttc tgggcccatt 180
ccgtagtagc tgtgtaaaaat ggtggtttta tcgacactaa acttcaattt gatgaaattc 240
ttcacattaa gggggcaatg cg 262

<210> 24267

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700908212H1

<400> 24267

ctcttttctct ctcttttctaa aaaccagaaa caacaaacac aaaccgaaaa ggcgaaaggg 60
gttttccgag tgagatctag ggtttccatc gattcggaga gaggatattg atagaacgac 120
ccaacgagca aggtcaggag gtggagtact agaacatgga ttcgggtgcct tcgaattcgc 180
atggaaacct cgatgagcag atttctcagc tcatgcagtg caaaccttg tccgagtatg 240
acgtacagct cttgtcc 257

<210> 24268

<211> 177

<212> DNA

<213> Glycine max

<223> Clone ID: 700908213H1

<400> 24268

gtttagaaca ggcctgtctt ctcttaaacg aggttgtgtt gtttggtttt gaatttgaag 60
tgatttgatg atggagatga atatattggc ttcttcgttc tctggttatg caaaaccctt 120
ttaagagtaa acccttctct tcttacgctc agggcatctt ctctgcgcca tgactac 177

<210> 24269

<211> 264

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700908215H1
 <400> 24269

gaaaaacaga gaaagcgaca gggcagagaa aaagagggtc caaagcagcc accataacag 60
 tgaatacaca tagttacaaa acaagcataa ggtaaaattt acctagaaaa aggtcttcga 120
 tctcgtggca taaacattaa acaaaagggt gttctatgtt ttaattattg caattggggt 180
 taattgtttt atagagattt ccgcctgttt caatccgtgt accaaggtag ccactttttt 240
 cctttttttt tgtttttctt gtta 264

<210> 24270
 <211> 123
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908217H1
 <400> 24270

attgggtatag gcgtgccaag gtcttgtaa ttttgagcgt taagtgtgc aactaatcag 60
 atcccaagac cttggcctac cttgccatac agagaaaaga taagccaaat ataagccaag 120
 ttt 123

<210> 24271
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908219H1
 <400> 24271

ctcacttgcc ttatttttgg tcttgagatt gagctaaagg ccaactcaac catcgaattt 60
 gttggtgatt gaaagagaag gaagaagaag caggaaaatg aagcagtga agctgggtga 120
 aaggagcaat aggtctaggt caaggatgat gcgtagctaa ggacagcact gagactgaac 180
 tcaccagaat ccgtctcttc agggcaattg ttgagaccg tgatccctct tccaaggaag 240
 aggatgattt tatgattaga agattcc 267

<210> 24272
 <211> 266
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908220H1

 <400> 24272

 atcttttgcta ttacctcttt ttccaaactc taaaaatttt tagttccaca aaaccaaacc 60
 aaaatggcag cagcctcggc ctcatccacc atgatatcaa caccagcctt atctccaagc 120
 caagcatcca aaagcaccat catttgaagc catccaacgt gtgctttcaa ggccttagac 180
 ccctcacaag gttcacaacc aaagtgaagc gcaccaccag aagggttatt ccaaagggtg 240
 gtgtcgggtg tagagctgaa ctcaac 266

<210> 24273
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908222H1

 <400> 24273

 gttttcttgc aaaaaaaaaa aactcttaat tggatagaat cagcccccaa agtgctccta 60
 ccacagttac aaggcctcat tttctatgag aagctgagac ttatgtgaag ccacatcttg 120
 taaggaaaca aatgtcttcc aaggagagaca ggccaagaat tgcttgccaa aagggtttag 180
 gcataactca gctccaggcg gattcgtgaa ctatgacacg ctaggctcta gtgggtgttc 240
 cggaatgcgt tcgga 255

<210> 24274
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908224H1

 <400> 24274

 tcgtaactcg cacatagtat ccctcagtca ttccgtgtcc atagttgcaa gttatctaag 60
 ccagttttgt gtatccctca cacaccgttt ccagtaacaa cacaacatca tgctttctcg 120
 ccctcacatc aatttttctg tttctgagat ccgcgccttc tcttcacttt cagatgggtc 180

002200-ET-EE50

tgtctctgta gctcggaaatc agacgacagg agaatttget gggggagagt ttcaattttt 240
caaatcctgt cggtgattca tttgg 265

<210> 24275
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700908226H1

<400> 24275

ggaactgagc aagcattggt tgctgaattg agtgccttgg atgaacatct caagacccat 60
ggtccataca ttgctgggga gaaagtcact gctggttgate tgagtttggc accgaaacgt 120
accatcttgt ggtagcgtg ggctcacttc aagaattgcc gtattccagg aacttttgga 180
catttggcat ggcaactgtaa gtccttggtc tttgggtcat ttctcggagc agattccatc 240
atacctgacc ggagaattcc ct 262

<210> 24276
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908227H1

<400> 24276

gtttctgact cagagaacca agagcaagtt tgtgatctct aaggaaggaa atgctgccga 60
gacactctac aaatttatga gacctgaaga cattcctggt cagtatggag gactgaatgg 120
cccagtgatt tgcagaatgg tcccccaaaa cctgcatctg agttcacaat caaaggagga 180
gagaaagtga acatacaaat agaaggaatt gaggctggtg caactatcac atgggacatt 240
gtagtgggag ggtgggact 259

<210> 24277
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700908228H1

<400> 24277

cttgtgggtg gaggaaggaa cgagaaatga aagaaacatt tgttgtgtct gtgtgtgtgg 60
 gtgggtggta cttagccaat tgtgagcaaa taacaaacga gtggcctttcc cttcttctat 120
 cctatatata ccattcccat cactcccat gccctctcaa ttcacttctt atcccccttct 180
 ctgattctct ccatatatta tctcaaacc cttcacaga atgggaagtg ctggaggaac 240
 tgactatggt gcatacactt a 261

<210> 24278
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908185H1

<400> 24278

tagtgacact gtttggtagc attcatgaga tgctccccga gacaggagca ggaggaagca 60
 tgcgaagact ctgtttccaa attttggaag catgttcagc acagctgagc cgcattgtaa 120
 aatgaacag tgggatgaag agagcttaca aagggaaggt gaggactaca tgtcagatgc 180
 agctgatggg gactctgatg ataatttgca tagtccttta atctcacgac aaacaacaag 240
 ccttgaaaaa gacttg 256

<210> 24279
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908152H1

<400> 24279

cttctcttaa aagagccttt gctttttctt taggcctttc cgaattaaagt acttgtttca 60
 ttttctctcg aagcaagaaa aatgttcac gagagtttca aggttgagag tcctaacttg 120
 aagtacacag agactgagat tcagtccttg tacaactatg aaaccactga acttgttcac 180
 gagaacaaga atggcactta tcagtgggtt gtcaagccca aaactgtcaa atatgaattt 240
 gaaaccaaca cccatgtccc taaac 265

<210> 24280
 <211> 163

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700908154H1
 <400> 24280

aaaaacaaaa ttgatcatct tactgatgta ttctccgaaa atggttgatt tacattggag 60
 atcaaagatg ccaagttccg acatgccttc caaaactcta aaactctctc tctccgacaa 120
 caagtcctta ccctctttgc aactaccctt ccgcaccaca gat 163

<210> 24281
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908156H1
 <400> 24281

cttcagagtt ggaaataccc cagaagaagg agcataattc atcacttgta aattaggttc 60
 ttatgatgac accaaccggc ggagaaggag ctgagaagat ggatgcagaa gatggtgtaa 120
 actgcagtga ttatgagcat gacatagaaa atgaagaaag tggaggggtac tggtcagggg 180
 tatatgacag acacatggct catacaatgc cacttcttat gaagaggggt aacaccacct 240
 acccagattg ctattgttgg tgcc 264

<210> 24282
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908158H1
 <400> 24282

ggcagtcaag gcttgaaagg gtccataagt gatcagatta gtcttttgtc agatttggaa 60
 tttgagttct aatttgttcg tgggtgaaat accttctgga cttggtcaga aatccctgat 120
 acacctggac ttgtccaaca atcagttaac aggcccata ccagatagta ttgcctcttc 180
 aagtttgcag ctcgtgctac tgaatggtaa cttattggaa ggacgagtac cagagcaact 240
 ttattcgatt ggtgtgcatg g 261

<210> 24283
 <211> 263
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908159H1

 <400> 24283

 caaagaagaa gataagctag ctaaggcagc aatgggtaat ccttctaagc ttttcccatt 60
 tttctttgca ttcatttgtt ttctgatgcc cttagtttcc ttatcccaca atgacttctc 120
 tacctttgcc ataaaaaccg tttcatacct agtttccttt agtgaaaatc caaaccataa 180
 tggccacatc accacaagct ccaatgaaag agacaaatca cgtctttgga ggaaagcctt 240
 cattggctta caaaatactc acg 263

<210> 24284
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908160H1

 <400> 24284

 gtggtggcaa tgggtagcga agaagagagg gttcttgaga atcaactgga acttcaattg 60
 caagagcaaa gggattctct ctctgctatc ggtcaagctc ttctctctga tccaactaac 120
 cctgaacttc tggcgtacc tctctctctc tctctctcac ccacacacac acacacattt 180
 caatcaacaa catttgattt tttcaataac cctttcaaatt ttctggccct gttcgatttc 240
 ccatttctta atcgcgtcag aa 262

<210> 24285
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908161H1

 <400> 24285

 cgtagtttcc acatttctcc taccgcaaag tcaaaactac ccactcacc aggtaggcac 60
 aggtagcgat ggacgtagga gccggcgacg atcattcccc ggaagccgtc atatcgcggt 120
 ggaaattcgc ggtgtcgcag cagtaccagc acatgctgga caaaacgacg ccgcacgttc 180

tccggcggtg gatcggtgct ctggtggttg ccgccgtgta cgtgctccgc gtgtacttgg 240
 tccaaggctt ctacatcgct tecta 265

<210> 24286
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908164H1
 <400> 24286

ctcgagccga atcggtctga gaatcaatct tctgagagtg tttgcgttga aagtagcaaa 60
 gatgtttcct ttcgggcaaa aggggtcaaaa gataaagggg actatggtgg ttatgcagaa 120
 gaatgtgttg gatatcaaca gcataccagc tgttgagggg atcgttgacc aaggcttagg 180
 gctcataggc agtgagtcg atgcacttac ttttgcagcc accaaaatct ccatccagtt 240
 gattagtgtt accaaggctg atggtggg 268

<210> 24287
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908165H1
 <400> 24287

catcttcttc ccaaccacta ctactctctc actgcagatc tcaattgcat cgctgtccat 60
 ggctaccatc gttagcatca agggccgcca gatcttcgac agtcgtggca atccaactgt 120
 cgaggtggat ttgacttgct ccgatggtag ttttgccaga gctgctgttc caagtgggtg 180
 atccactggg atttatgagg cccttgaatt gagagatgga ggatctgact accttggaaa 240
 ggggtgtatca aaggctgttg acaatg 266

<210> 24288
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908166H1
 <400> 24288

cttccccat ggctcgtcac tcttgctct tagccctcct cctcatcgcc gccgtggcca 60
 ccgccgcgat ggcggtggcc gcgtaccgac gccgacgaca tcctgatccg tcaggtggtg 120
 ccagatgttg gcgaagcgaa gaggaggaca acctgctgaa cgccgagcac cacttcgga 180
 gcttcaaggc caagttcgcc aagacctacg ccaccaagga ggagcacgat catcgcttcg 240
 gcgtcttcaa ctccaacctc cgagagc 268

<210> 24289
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908168H1

<400> 24289

cttacgtagt gtacactatc cagtggagct tgaatttgcc aagggcaccg aggcagtgga 60
 aggaagacaa tggcggtttc tctatcggcg ctcaaacct ccctctcttc adtttccttc 120
 tcttcccaca tttcccagag accaaacact ctctccttcg ccagaaccga atccctctcc 180
 gtctccgtct cgcgcttccc caaaaccccc tctccttcg tcgtttccgc caccgactc 240
 gcggaaccgg aaaccgaaga cctc 264

<210> 24290
 <211> 145
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908169H1

<400> 24290

cgtggacgcc ataatggaaa ccggaggcag aacactgaaa agcagagaaa cgatggcctt 60
 tgaatcggtg acgcagtcag cacctcctcc gagatcaaga ggaagaatca ccttgctcga 120
 aaaccccaaa acacccttcg ccctt 145

<210> 24291
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908170H1

<400> 24291

agaaagagta ataataataa agtgggaagaa aaagaattag gagagtgaaa caagaagaag 60
 aagaagaaga agaagaagaa gaagaattga gaagatgggtg tttgaggaaa ctgagctgag 120
 gctgggactg ggactatgtc tccctggaaa tggaaccacg gcaacaactg aagctgctgc 180
 tgcggaatta ggagtgagga agagaggggtt ctctgagact gaaactgatg aaacagccac 240
 cgttgatttg atgcttaacc tc 262

<210> 24292

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700908171H1

<400> 24292

ggccaatcaa ctcaaatgg tcagcttaat ggaattcaat gcaataattt agttgaatca 60
 atctatatga attcttcattg tgacatgctg ggaaatatag tgcactcgtt aaagattgaa 120
 ggtccatatt ctgggtgctg tccatccaat ggatctttac cttgtataag gtattcagtt 180
 tctttggctg tagaggggtga gaatctgaaa gaagttattg aagtttgtga tgagtttgag 240
 tttgaagtgg gaattggt 258

<210> 24293

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700908172H1

<400> 24293

ctcgagcgat tcggctcgag aaaaaatgtc atccactgct agcatcgggt tatggggctc 60
 caacctgctt caacaacgtt acatcacaca aagaagcagc aagcaatgag gaacagcttc 120
 ttgagcaata agcacaacag tgtgagagtg atgaaggggt ggagaggaag acatggtaac 180
 actaacaaca catccaaaag ggtaggaatt gtgcagtga gagggtagg ggacttcata 240
 ggtggagact tgataaagtt tg 262

<210> 24294
 <211> 261
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700908173H1

<400> 24294

agcaaacagc aaatgtccga tcattatggg acatgggctt acaacttttc cacacaacat 60
 acgaatttga aatactnaag tagaacacaa aactgtttaca ggtcttctac gaattattaa 120
 aagtgataga aaaggtgaag cagtggatag aactcttttaa gtccaccttt tgaagatggt 180
 tactgctctg ggaatttatg cagaaaagctt tgagaagcca tccttgaatg cacatctgaa 240
 tttgatgctg ctgaagggtg g 261

<210> 24295
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908174H1

<400> 24295

caacgcacga ggttgaagtt accgcgccgg cttccgctgt tcttgcccca ccgggtttct 60
 atctgactgt ttgtggcca tcaagaagtt ccaagccacg gtatttgggt ccagatgggtg 120
 tgaaattgtg aattctcgtc tctgcctgct cgacaacttc gttcgtatat gttcttttta 180
 ttcaagttat ttattgttgt gaatgtctgg gagtgaacag attcttgagt gagtatttaa 240
 actgtaagat atgggaagat a 261

<210> 24296
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908176H1

<400> 24296

cggaaagaga gagagaagct agagagagaa agagaccaa ctaattagt tagaagaaac 60
 agagacgctg tgtgggtgtg ggtgtgggtg tgggagagag agggagagag aaagcagaga 120

aaatccgaag cagttttctc acactttttg atcggaacct ctcattccgc gttcagattg 180
 cgccccccat ttggtcctta caatggagcg gttagggcgg gccagcgaag ggtcgcagtc 240
 tgatccgtcg ccggaatgga c 261

<210> 24297
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908177H1
 <400> 24297

ctcccaactc gccctcgact cacatccttg tccgattccg cgaactagtc gagtcaatcg 60
 ggttggttaag gtaagatcta ttctgtttct tcgtcatggc aaccggacaa ctattctcgc 120
 gtactacaca ggctttgttt tacaactacc agcaacttcc catccagcgg atgcttgatt 180
 ttgacttctt ttgcggcagg gaaacacccat cagttgctgg aataattaac cctgggttctg 240
 agggatttca aatacttt 258

<210> 24298
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908179H1
 <400> 24298

gacaaaattt aataatgtct atgtgaaaaa cttatcagag tcaaccacgg atgaagagtt 60
 gatgataaat tttggagaat atggtaccat tactagtgtt ttaataatga gagatgctga 120
 tggtaaatca aggtgttttg gctttgtcaa ttttgaaaac ccagacgatg ctgccaaagc 180
 tgttgaggga cttaatggga agaaatttga tgataaggaa tggtatgttg gaaaagccca 240
 gaaaaaatct gagcgtgaac aag 263

<210> 24299
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908180H1

<400> 24299

tctctcccca tctttttattg aattgattcc aaatacaaac atggcactga agaagttctt 60
 gtgggttggt ctgtcccttt ctttggctct tggagtggcc aatagctttg attttcacga 120
 caaggatttg gagtccgagg aaagcctgtg ggacttgtag gagagatgga ggagtcacca 180
 cacggtttcg cgaaccttgg tgacaagcac aagcggttta acgtgttcaa agcgaatgtg 240
 atgcatgtcc ataacaccaa caa 263

<210> 24300

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700908182H1

<400> 24300

cacctttgta aatacaattg ggacactact aggattggga agaagggctt ttacatttat 60
 agtttggcaa atagatattg caactacctt tgtataattc tatttctgaa gaagcaatta 120
 caatttaciaa gggatgggtg catttacggc ataaggatta aggagggata aagggaacca 180
 ttgctttgga atatccactc attacaatgc atgtatgaca acacatagta atatgatgtg 240
 tgtttttatt cagtgggca 259

<210> 24301

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700908183H1

<400> 24301

gaaaaataga aaagcgagga gccaggtgat gctaattgtga aaagaggagc agaatctcgg 60
 ccatgtccac gtcaccgtcc ggcagtaccc tcggttaaggc cacggcggtg atgaagagcc 120
 tcaacttcta cctttcagat cccccgcaa tcgtgacttt cagatggagt cacgacctat 180
 gctgggggttc cacctgggtc ttctctttct cctcaatcgc ctcttacgtc gtcgtttcga 240
 tcttctcca cctcacatta gc 262

<210> 24302

<211> 197
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908184H1

<400> 24302

ttaaggctgg tgtctatgac gagtacatca ccgttcccaa gagttcaaag aacatttctca 60
 tgtacgggtga tggccctgct aagaccatca tcaccggctg caagaacttc gtcgatgggtg 120
 tcaagaccat gcaaactgcc actttcgcca acactgcaga agggttcatt gccaaaggcaa 180
 tgacattcca gaacact 197

<210> 24303
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908150H1

<400> 24303

acaaggcaga aagcaagctc atcctagagt tttaaaaatg gcagcagcct cctccatggc 60
 tctctcttcc ccattccttg ctggcaaggc cgtgaagctg ggcccatcag cccccgaagt 120
 cgaggagggtc agcatgagga agaccgtcac caagcaggcc tcctccggaa gcccatggta 180
 cggcccagac cgcgtcaagt acttggggccc attctctggc gagcccccg cctacctcac 240
 tggcgagtgc ccaggtgact acggctggg 269

<210> 24304
 <211> 215
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908122H1

<400> 24304

gtgctgttct tatcattgat togaccactg gtgggtttga agctggtatt tccaaggatg 60
 gacagactcg tgaacatgct ctgctttcat tcacccttgg tgtgaaacag atgatttgct 120
 gctgtaacaa aatggatgct actacacca agtattccaa ggccaggtat gctgaaattg 180
 tgaaggaagt ctctgcctac ttgaagacag tagga 215

<210> 24305
 <211> 266
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908123H1

 <400> 24305

 caaataacca aacttatcct atgtctgact tctacctttg tttcaacacc aagttcagac 60
 acaaagcagc gaggtttttc ataacaaagg agaatgaagg ctttttcagt taaagttgag 120
 gaaggaaggg aaggtaaaaa tggtaacctt tctgttggtc cagtataccg taacctcctc 180
 tcagaaaatg aatttcctcc aatggatcct gatttcagta ccacttgga tattttctgt 240
 gtgtctgtca aaaatcatcc caataa 266

<210> 24306
 <211> 268
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908124H1

 <400> 24306

 gaggccttca atttcaccct tcacacgtgg tgggtggttt gttcttcttc tcttcccctt 60
 tctttttctt cttctgagct tgtttaagct ctttctattt gattccatta acatatatta 120
 ttacaatgtg tggatattctt gctgttcttg gttgttctga tgactctcga gccaaaaggg 180
 tccgcgtgct tgagctctct cgcagattga agcaccgtgg ccctgactgg agtgggctcc 240
 atcaacatgg tgactgcttt ttagcaca 268

<210> 24307
 <211> 269
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908125H1

 <400> 24307

 gggtaagggt aagcattcaa aaccttcttg ttataaatat tgaacaccac attcaaagcc 60
 caccaggttg ctgtcgcccc aaagactgat cctgagtttt ggaagtcttt gttccctggt 120

gctgttgac atacaattgg acatgtagcg gcaacagtta gcatgtcaaa agttgcggt 180
 tcattcacac acattatcaa gagtggtgaa cctgctttta gtgttctggt ttcaagatta 240
 cttttgggtg agagctttcc tgtgccagt 269

<210> 24308
 <211> 271
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908126H1
 <400> 24308

tgccacacca tggcctcaac caacgccctc tcttcagctt ccattctacg ctctcccaac 60
 cgccagtctc tgaccagaag agcgaaccac aacggaagag taaattaccg tcaaccgaat 120
 agccgtttct ccgtcaaagc ctccgccaaa gagaatgcct ttgaccagca ttttcgctc 180
 tgctatgcag gccggcattg acaagctcgc cgacgccgctc ggggtcactc ttggggccag 240
 ggggaggaat gttgtgttgg atgagtttgg a 271

<210> 24309
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908127H1
 <400> 24309

tgaacttgtt tctcaagtct attggtctta gagagtattc aaggtacatt agtttcaacc 60
 acccttatag tcatgagagg ccccttctag gccaccttaa gtttttcctc tgggtggtga 120
 atgaagggtta cttaaggct tggagacaag gcagaacagg ttaccctttg gtagatgctg 180
 gcatgagaga gttgtgggca actggttggg tgcattgatcg aatacgtgtt gtggtttcaa 240
 gtttctttgt gaaggctgctg cagctt 266

<210> 24310
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908128H1

<400> 24310

ggaaaggtct gacagaattc atgttatcga tttcgatatt gggtttggag tgcagtggtc 60
atcttttagtg caagagattg ccttgagaag tagtggagca agttcatgct gctctgatcc 120
agctaagcct gaacttctgg cggtagctct ctctctctct ctctcaccca cacacacaca 180
cacatttcaa tcaacagcat ttgatttttt caataaccct ttcaaatttc tggccctggt 240
cgatttccca tttcttaatc gcgtcagaa 269

<210> 24311

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700908129H1

<400> 24311

agagcgagca gtttcagaca cagagagagg ggtttgggat tggagggatt gacgctgcgt 60
ctcttctctt tctctttcga tccatccctc attcctaatt ctccaatcca accacctcag 120
cctcacactc acatatacac atatctgaac gcgtatcgtc cctcctatgg cttcaaagcg 180
cactctcaag gagctcaagg acttgagcaa agaccaccca acttcttgca gcgctgggtcc 240
agtagctgag gacatgttcc attggcaag 269

<210> 24312

<211> 271

<212> DNA

<213> Glycine max

<223> Clone ID: 700908130H1

<400> 24312

atctaggatt gtggtgtggt gttgttgtat tgtaggtatt ggtgggtgaa atcaaaaacc 60
ctagccctca ctctcatcac tttttttgag ctatgtttca agagagttag ttagggataa 120
tagggcaggg aagaataaga gggatgtaca aagaacgaga gcgagttggt gtttctgttt 180
ccgcttccaa atcggaggat cggaagcgaa tcaacgacgt tctcgataag cacttggaa 240
gactctctcc ttccacttct cgccccatca c 271

<210> 24313

<211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908131H1

<400> 24313

aagggcatgt gagaaaaaac atactaatca aattaaacag cgaagaagag tttcaaattt 60
 attgcttcga atctccagct tcgtcaggga aggaaaacag cataacgtgt ggtctcgggg 120
 gaacacaaaa ctgtgaaatt ctgaagccac taggcctttt aaaaaccaa ctaaggaaga 180
 cggtttagac agagagtact tcaagctaag aaaatggaaa gtgggggtgt ggctgtgaac 240
 aacaacatca acaactatga atccaag 267

<210> 24314
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908132H1

<400> 24314

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 gggttcatgc tgttgggtat caagtgcga gcccatgttt ggggtccatca gatccaatgt 180
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<210> 24315
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908133H1

<400> 24315

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 catcatcttc aagaatgtcc aaaaaacat tctcgggact cggaacctc gtcaagctcc 120
 ttcccaccgg cactgtcttt ctgttccagt tcctcatccc tgtcgtaacc aacagcggac 180

actgcaccac tcttcacaag tacctcactg gctcttacct tgtcgtatgc gcattcaact 240
gcgccttcgc ctccttcacc gacagctaca ccg 273

<210> 24316
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700908134H1

<400> 24316

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tcttgctgcc gatagttggc aatgcagctg aacatgcagg agcaattata tttgccttca 120
agaacaagct ggtgagaact gagagagtga taatattatc atattggcca agcaataaat 180
ttattttaatt aaaatgttaa ttagttaa ctaaagtaat tccttgaaca caggacatct 240
cattgggtgt tgcattaggt tcagcaact 269

<210> 24317
<211> 81
<212> DNA
<213> Glycine max

<223> Clone ID: 700908135H1

<400> 24317

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cgagagaatt ctgaagccat c 81

<210> 24318
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700908136H1

<400> 24318

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ctcgtagtct tgggtgctgct atcatcttca acaaggacct tggttgggat gatcactgga 120
tcttctgggt gggacctttc attggtgctg cacttgcagc actctaccac caggtcgtaa 180

tcagggccat tcccttcaag tccaagtgat tcaatcacac cgttcatgct taatcaagtt 240
 ggggacaac 249

<210> 24319
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908137H1
 <400> 24319

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 gaaattggag ctgacaattc tctgcagca ggagcagctt cttcattcta atctgggtgct 180
 atcctatctg agctttttac tactactact accctttctt tcttcatcta atttctacca 240
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<210> 24320
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908138H1
 <400> 24320

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 acctgaatc agcctccaaa ggactgctac attgttgctt caacaagatt taccgagaca 120
 cctctcacta caactgcagt actacactat gcagactctt tttcctctgc attaggacct 180
 gtgcctgctc cccccgttga taaatatgac ttgattgggt ccatgaagca agctagaacc 240
 tacagatgga atctgagag 259

<210> 24321
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908139H1
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 caccctgag cttggtgttg gaagggttag catgaggaaa acagcctcca agactgtttc 180
 ctcaggaagc ccattggtacg gccagaccg tgtcaagtac ttgggcccac tctctggtga 240
 gcccccatcc tatctcactg gtgaat 266

<210> 24322
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908142H1

<400> 24322

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 gcaaacaatca ttcttccaag accaggtttc ccactctatg aacttagcgc ttcattttaga 120
 ggagttgaag tgaggcatta tgatctgctt ccagagaaaag gttgggaggt tgatctagat 180
 gctgttgaag ctcttgctga tcagaacact gttgctttgg tgattataaa tcctgggaat 240
 ccttggtggga atgtgtacag tta 263

<210> 24323
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908143H1

<400> 24323

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 accagtcaac caacgtgatg ctgatctcat ccatttttgg gataagttcc gcaaagctcc 180
 tgagggttct ctcaggaaaa atacagctca gaaacaagtt ttggaagcaa tgtctcacag 240
 aatgcatgta gacaacagtg taaa 264

<210> 24324
 <211> 260
 <212> DNA

<213> Glycine max

<223> Clone ID: 700908145H1

<400> 24324

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 taaccctaatt tttcgccatc gtagggggccg aagccgatat ttccatcgaa ggaagcactc 120
 cagagcctta tacctccgcc atcaggatcc aattagatca actcaattcc aagatccaaa 180
 ttctcgagtc tcaaatacgc gaaaagttgg aagaagtga gaagaaggac gacattatgg 240
 cagaaaaaga aaagtccatt 260

<210> 24325

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700908146H1

<400> 24325

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 gggacaagag cagcctcagg cttcagcttc tcagagatct ggctcttgat agtagccaca 120
 gcactcatct gtggctttct cgggtacata gtttatgatg caatcatggc cactgcttct 180
 gagttgctgc aacgtttgct ggtaatttct ccactgttct tgatcatcat tgttcactgg 240
 ctctccactg caacccaaat aagcttcc 268

<210> 24326

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700908147H1

<400> 24326

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 gatttgctgg cggtgattac aaatcacaag catttatcat ggtccttttc ccatcttttg 120
 tgaatggatt ggtaagaact gtgtcaatca agaaagagaa gaattgtcaa aaggaggatg 180
 gaagaaaagc tgtggaagaa ttggcaaagg aagcaaggaa gaatgaattg ctattgagtt 240

catctggagt tgtgaagtca accaaggc

268

<210> 24327

<211> 178

<212> DNA

<213> Glycine max

<223> Clone ID: 700908148H1

<400> 24327

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gctgcactgt tgatattgga catggaaaaa taggtatcca cacctgaatg cacttgtcca 120

tttcttgcca ttgtatatac cttgtgcctt gtgtattcta gataacattt ttttttac 178

<210> 24328

<211> 144

<212> DNA

<213> Glycine max

<223> Clone ID: 700908121H1

<400> 24328

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tttgttgagg tgaaagtga atggttggca aggataatct gagggctgag gacttgaact 120

tgtgctttaa gaagcttatg atgg 144

<210> 24329

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700908067H1

<400> 24329

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gctgtgaagg cctctgttg gcatagagct tattagcagg attcattgtc aagagagtaa 120

ggaagaaagc tcagaagcag agtctgtttg ttcacttga tgccacatat cgcaggaggt 180

caagcatttg cgtgaaggga taaaacatgg gttaaaatcc gagttagaaa aggcttcact 240

tgtgttgggc cgta 254

<210> 24330
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908069H1

<400> 24330

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 caccaccacc accatcttca ccgtcatatt cctcctcctt gcaatactat tcaactctcac 120
 accccacaag gccaacggtg ccacgtgtca ccctgaggaa gaagcggggc tggtagggctt 180
 caaatccggt atccgatccg acccgctccg cctgctcagt aactggatat cgggtacgga 240
 ctgctgcac 249

<210> 24331
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908072H1

<400> 24331

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 ccatttgaga acctcttgca gcacctctct gaccgctggc acaacaccat catcaataga 180
 attcgtggct actaagtttg tatccagtgg acatggataa gcctgtgtcc ttctcgtgta 240
 at 242

<210> 24332
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908074H1

<400> 24332

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cgaggttctg acaagggagt tagccgagga cggatactcc ggcgtggaag ttaggggttac 180
 gccgatgcgc accgaaatca tcatcagagc caccagaacc caagccgttc tcggtgagaa 240
 gggaa 245

<210> 24333
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908076H1

<400> 24333

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 atgggaagga aagtattggg tccttttcat tcatgtaaca ttattcatca tagtgatat 120
 tttcttttaa ttgtattaac taaccagtgt aattagatac cctacaagtt aggtactgtc 180
 ccctggcatg tagttgtatt ttagggggaa taatgggggtg gtccttaggc tttgt 235

<210> 24334
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908078H1

<400> 24334

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 cttaccaccc ctgccagtgc cagatcccca tcactacgca tcttggttag caccaagcct 120
 aaccagcttg ttgcaaggc acagaaacga cagacaccac aagaggatat tgatgtcagc 180
 ccaatctctc gccgttttagc tctaactgtg ctcatgtgtg ctgctgctgt tggctccaaa 240
 gtccaacctg c 251

<210> 24335
 <211> 99
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908081H1

<400> 24335

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 ctgtccagaa gcactacgat gatcagggtc gcaagggtcg 99

<210> 24336
 <211> 242
 <212> DNA
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<223> Clone ID: 700908084H1

<400> 24336

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 gagcacacat gatgtcaact cgtggagaac aagaactgaa aatgggtcat tgatgagaga 120
 tattccactt gatcacatct cagacaattc agcctccaaa agttgcagga gagaaaatag 180
 tgggtactgat gatcagatgc ttgaattatg ggaaactgcc gagcaagatt gcttggctag 240
 tt 242

<210> 24337
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908086H1

<400> 24337

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 gctgagttac tactctaaaa gctgcccata agctgaagag atcatcaagg aacaagtcac 180
 acaactgtat gacaagcatg gaaacactgc cgtttcgtgg gtcagaaatc tcttccacga 240
 ttgcgt 246

<210> 24338
 <211> 171
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908088H1

<400> 24338

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 tgggactttg atttcaaata atctctatcg aatttgaact agttggaatt g 171

<210> 24339
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908089H1

<400> 24339

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 attggagact ggggaaggaa aggaacgtgc agtaaacttc aagttgccac tcagatggga 180
 agggttgctg caaagttaga tatcgacttt gtgatatcca ctggagacgg tttctacgat 240

<210> 24340
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908091H1

<400> 24340

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 aagtgtggaa atgacgacac catcattggt agagtctcta gttcttcaac tccatgagat 120
 ctcagctgtc aaatttggca acttcaagct caatctggca tcttctcacc aatctacata 180
 gagctccgcc tcatcatatc ttacccttct ctctccaac agatctctcc gaaccttatt 240
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<210> 24341
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908095H1

<400> 24341

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tatgatgagc agctccttcc tgaggagaaa agcagtgggc acaagcctga aggcatctcc 120
caatgctaac gcagtgtttg gtgtaaaggg tggacgtgga ggtgggtgtga ctgccatggc 180
tagcttcaag gtgaagctga taaccccaga gggagagaaa gagtttgaat gccagatga 240
tgtatacatt 250

<210> 24342
<211> 280
<212> DNA
<213> Glycine max

<223> Clone ID: 700908101H1

<400> 24342
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cgttaatgtc gatgttggtg aaagcatgag aaggattgcc atccaagaaa tgaacagaaa 180
ggacagggaa attgatgggc tgaatgaaca gctggaggag gattcacggt gtctagagca 240
cttgcaactc caacttggtg gatgacaaaa gcatacgcgc 280

<210> 24343
<211> 277
<212> DNA
<213> Glycine max

<223> Clone ID: 700908102H1

<400> 24343
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aatcatgtcg tggcaagcgt atgtcgacga tcaccttctg tgtgacatcg aaggtaacca 120
cctcactcac gctgctatca tcggccaaga cggcagcgtt tgggctcaga gtaccgactt 180
ccctcagttc aaacctgagg agataactgc catcatgaat gactttaatg agcctggatc 240
acttgctcca actggattgt atctcggtgg cacaaat 277

<210> 24344
<211> 268
<212> DNA

<213> Glycine max

<223> Clone ID: 700908105H1

<400> 24344

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 agcggagaaa aaaggcaaca acttttcatc tctacgcaag tggttatggc ggttgctgag 180
 aatgttgggg ccaaaatcgg ttcttcgagc cagagcttgg agaacgggtt agtgtcagcg 240
 gattcgggtg aggttgagaa atcgaaaa 268

<210> 24345

<211> 271

<212> DNA

<213> Glycine max

<223> Clone ID: 700908106H1

<400> 24345

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 tcatgtcggg taacacttta ttcagacaac actatacttc ttaatcaaaa tcaaatgacc 180
 taaccactct ctctttttcc caattttcga atctctctcc tccatggacc caacttcgat 240
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<210> 24346

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700908109H1

<400> 24346

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 gctgtcacca ctggcaattt gcttttctct ggaaataact ataagaaatc agtccaagta 180
 aggctgctgc tgtgatgcgt agtttgtgta taatcttttg gagtatcagg acaagtttaa 240

ttcaagataa agccctttac tctgtatca

269

<210> 24347
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700908111H1

<400> 24347

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acaattacat gaataatcaa ttgatcgatt ccccttgatc gctctgtttt actgtccgtt 180
tcaaattccga cagcagccca gcccgccccg gcccaatcat gactcccaaa ctccaaaccg 240
cggcctccgt ggtggccacc gcatgctc 269

<210> 24348
<211> 208
<212> DNA
<213> Glycine max

<223> Clone ID: 700908113H1

<400> 24348

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gttgtgccaa ctattgatct agtgcgtcga ggtggagtgc agtggactat ttatggagcc 120
aattcaatgg ttatggcaaa gaaaaatgta gcatgtcttg caattgttga tggagggaca 180
gagcctagaa tgcgttcgt tagagctt 208

<210> 24349
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700908114H1

<400> 24349

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gcataggaag cgtgtcttctt attttggta ttgtttgcgt tgtttgctcc aggaagaaga 120

agaagaatag aatgtactat tatgcaggag agcaatccat gggaaaagg aataataata 180
 actattacaa tagcgggcaa cacccaaatt attacggagg tccacatggg gaccatgttg 240
 tgaggatgca acaaaatgga atgggtcttg gt 272

<210> 24350
 <211> 271
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908115H1
 <400> 24350

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 gtacactgca aaatggaagg aaacagatac atcttttgag aagagaatgg ataaatactc 120
 tcagtcttct tctttgccac atcacttga gattcactgg ttctcaatca taaactcctg 180
 tgtaacagtt cttcttttga ctggttttct ggcaaccatt ctcatgcgtg cattgaagaa 240
 tgactttatg aagtatgctc aagatgagga a 271

<210> 24351
 <211> 84
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908117H1
 <400> 24351

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 aaacaccacc ttttggcttc ttct 84

<210> 24352
 <211> 143
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908118H1
 <400> 24352

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cgctttgagt ttcttttagc cat

143

<210> 24353
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908119H1

<400> 24353

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 tcgtttttct gacactgac ttatttttcc aatcggtttt cttctccaac atttatcgct 180
 tccagaatcc agatctggat gcacatgaac cattgtttgc atttggggca accttgattt 240
 gggtttttaa gtgctttatg gaaactgtgg tct 273

<210> 24354
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908120H1

<400> 24354

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 aagagaactc tattgaatga ttacatatt cttgatttgg aaaccatgac atgggatgaa 180
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 gagcgatact tgcttatctt tgggtgggggt 270

<210> 24355
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908066H1

<400> 24355

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 gtggccctga taaagttttc aaagtctaag catcttcttc cttgtttctca tgcattgctg 180
 atggaatcga cgacgcaaaa gaacaaaagc aaaaagtcac cgctgttgat gcgtctcaaa 240
 cccgttatgg gcttcga 257

<210> 24356
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908003H1
 <400> 24356

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 tcaaatacaca cttttgtgtt gtgttgggaa accctaaacc ccgttttcgg tgagatcgag 180
 atcgatcgaa catggatgag gactacgatg tgatcgtgtt gggcacgggt ctcaaggagt 240
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<210> 24357
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908006H1
 <400> 24357

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 ctttttggtt cagaaactct gtacagttaa tcaaacccta cttcacctca ccggttttag 120
 ctgttaattt aatatataga tagaaatcca aggaagaaga tgaagcagtt tgccgtccaa 180
 aacgtcgtcg ttccatccca cgatgagatt agcgttggtt gcccgaagcc ccgcccctc 240
 ggctcttca acttccc 257

<210> 24358
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908008H1

<400> 24358

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 gacgatgcgc agaccactct ccctcggtcc tcgatgccct tctctgcgaa gagcgagaaa 180
 ccttcgagga agactttgat gagaacggtt atgagcgtga gaccgaaaac aacgaaccca 240
 ctgtgataaa gtcgc 255

<210> 24359

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700908009H1

<400> 24359

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 ggtctccac cagaaactgt gttccaacca cttcttaaag atgaccttgt ggccaaaggg 180
 ctagtctctgt catttatgac tgacttcttt aaggagtatc tgattgacaa cagtcttgat 240
 gatcttgttt caa 253

<210> 24360

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700908010H1

<400> 24360

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 tctaatttgg tttggaattt tcgtgggcat gaaaacaagg cttttcattt cccaagggtg 180
 atttggattg gaggatgggt actaagagtc tcttaatgct taagtccac attgattcca 240
 tcaacatagc a 251

<210> 24361
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908011H1

 <400> 24361

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 ttaacgtggg tcaggtggat aagtctgcat ggggtgactga tgaagaattt gctagagaaa 180
 cgattgctgg tgttaatcca gatgtcatta agattcttga ggagttccca ccacgtagca 240
 acgtagattc tcc 253

<210> 24362
 <211> 233
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908012H1

 <400> 24362

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 gttggtgctg gatcatccaa ttttatgcat ataaaaaatt ggactttgta ttggagtttg 120
 gtgctgattg acagcgttgt tttcatgcac tataatgtgc gtttgccttg ttcttttggt 180
 cctctgcact ccaagttgaa tactttttgt aagtgtttat ttttattata atc 233

<210> 24363
 <211> 264
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908016H1

 <400> 24363

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 ctctcttttt ttgttcccac ccttttgaaa agcttttgat cagcatctta gttgtcaatt 120
 tgttgatct cacatttctt gattgggcat ggaattttta atctcccttt tcttgggtaa 180

ggaataaaaat gatgatcact tggtattatg caaaattcat atcagattca gaggtattc 240
 tggtgggttc agcaagaaat ctat 264

<210> 24364
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908017H1

<400> 24364

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 gggacatcaa ttagctacta aaagccagaa aatgaatttg aggggtattg gtgctggtgt 180
 ttataatgta ccagagcttg aaaatgatca aaggctaaaa ataagtctga ggagtgtgga 240
 gaatgaagat accacgccta tctctca 267

<210> 24365
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908018H1

<400> 24365

gagaggtgga tccagacgctg ttggcaaagg cattcgtgga gcactactac agcaccttcg 60
 acaccaacag gaacggctta gcgaatctct accaggaggg ttccatgctc actttcgaag 120
 ggcagaagat ccaaggcgtt tccaacatcg ttgccaaagt cacctccctc cttttccagc 180
 agtgccacca ctcaatctcc accgtcgact gccagccctc cggcgtcaac gccggcatgc 240
 tcgtcttcgt cagcggaat 259

<210> 24366
 <211> 199
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908019H1

<400> 24366

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 ttcaattgca actactgcta tgtgtatctt ctttttgcct aatcatatac cataaacatg 120
 aagttgtgct tccttttatt gagaatgctt tagcatgcat gattatttat agagcggttc 180
 atatataagt atatttttaa 199

<210> 24367
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908023H1
 <400> 24367

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 ctagtaacct atgaatagca ttgcatgca ccttagtctt caccaaaata ctctcttgg 120
 catcttgctc tgtgtccctc ttttaagcta tttcttctc ttaacacaat tggttgtgcc 180
 aattgccata gtcaccaacc aattaacaaa ggtatatata tcatcatatc atcaccaaat 240
 gagaaatatt ggg 253

<210> 24368
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908025H1
 <400> 24368

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 ttgctcatgt ctagtgtctc tagcagttat tccgtggatt tgaagaaaga ctttttcctc 120
 caattgcaga gtcaaagttt aaggcctaag ttctctcaac tctcattcaa ccacttcca 180
 ccatcaactt cttctccttc ttcaccccggt agattcacia ccttggtctt cttcaaattc 240
 aag 243

<210> 24369
 <211> 249
 <212> DNA
 <213> Glycine max

<210> 24372
 <211> 148
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908034H1

<400> 24372

gggtgatgca ggatggaact ccatggccag ggaacaacac tcgcatcat ccaggagtga 60
 ttcaggtata ttttaggaagt gccggtgcgc tagacgtgga aggcaacgcc gcacccccac 120
 ttgtgtatat ttcacgtgaa aaacgtcc 148

<210> 24373
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908038H1

<400> 24373

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 atgtgcccag taccaagctc agcttcaaaa gaatttgatg tatttagctg caattgctga 120
 tgcccagcct caaacaccag ccatgcctcc acagatggca ccacaccctg ccatgcaacc 180
 aggattctat atgcaacatc ctcaggctgc agcagcagca atggctcagc agcagcagca 240
 aggaatgttc 250

<210> 24374
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908041H1

<400> 24374

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 cttttccttc cgccatataa aatctactat tatttctcat tttcatttca acgtaacgtt 120
 gatgggtctt cgcttttcgt cttccgaggc ggcggcgctc gaatcggcat cgccatcgtc 180
 cagtttgggc gaattgcccg agagctgcgt cgcccagatc atgacctaca tggatccgcc 240

ccagatttgc

250

<210> 24375
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700908043H1

<400> 24375

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ccatccccgag ctcggtttct cagatttacc gtctggcaga tctggatctg tctcgtaacc 120
agatttctgg gccattccg gagtcgctgg gtaaaatggc ggttttatcg acactaaact 180
tggatatgaa taaactctct gggccattc cggtgagtct gtttagttcc ggaatcagtg 240
acttaaacct gagccggaac 260

<210> 24376
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700908044H1

<400> 24376

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tgctttgctc acattgaatt tcgaaggcgt agagtgagat ccgaacgatg aagagagtat 120
tcggcgtcaa gaagaacaag gatccacccc cttccattca ggatgcttcc gaaaggatta 180
caaaacgagg tgacacggtg gatgacaaga ttaagaagct tgatgccgag cttagtagat 240
ataaagagca g 251

<210> 24377
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700908046H1

<400> 24377

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tccgatagaa gttttgggat gagaaacttc aagtacgtaa acactgtcaa agcagcgggt 120
gagaaagaat gccccttcac agtgtcatgc gctgacattg ttgctctttc tgccagaggt 180
gccattgctt tgttgggagg accaagcatt gaagatggga cagggagaaa ggacagcaaa 240
gaaagctatg ca 252

<210> 24378
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700908049H1

<400> 24378

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tagcattgac tagtgcgatt aaaattggga atcatatata tgctggttcc attttctacc 120
cctttgtaac acgttttgat gttgagaaat atcctgctct cccacagtt tcagcaacag 180
tgaacatctt gtaagggttaa tgatgtacaa gaaaatgttt agtttctgga gtgtcatgat 240
gtgaaaatgt ttagtttctg 260

<210> 24379
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700908057H1

<400> 24379

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ttgtgacccc atcattctct tcttccact ccaacaagtt catgctttct tccctctcag 120
agaggaaaga tggcatatct gtggtcagat ctgatgctga tgcaaggatt ctgaagactg 180
gagctcgtaa gcatgaattg ttggttacta atgcagttgc aacaaggga gccagttctg 240
cggcc 245

<210> 24380
<211> 218
<212> DNA
<213> Glycine max

<223> Clone ID: 700908065H1

<400> 24380

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 tttgaatccc tctctctcct ttccaaatgg ccagcgttga gggtgcacat caaacaccaa 120
 caacagttcc agaaaatgaa acaaccgagg taatcaagac ccaggaaaca accccggaac 180
 cagtaccagc cactgaggct cctgcaacag aacaagca 218

<210> 24381

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700908001H1

<400> 24381

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 ccggacgaag acgatacctc atcgacgctt ctggatctct cgagttacca gctccacgac 120
 cttgactcgg tcgagttgcc acccagcctc accgagttgg acctcaccgc gaatcgcttg 180
 tccacgctgg acccgcgcat agggaaacctc tcccatctca agaagctctc cctccgcaa 240
 aacctcatca ccgacgccgc cgttctccct ct 272

<210> 24382

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700907939H1

<400> 24382

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 gtgcttggcg attgattacc ccagaaggac tttgtttgtt acaagaaacc aagggaagt 120
 ttcatgtctg aattcgacac aaacatccca actgcttttg atccctttgc tgatgcaaat 180
 gctgaggact caggtgctgg gacgaaagag tatgttcatg ttcgtgtaca acagcgcacg 240
 gaaggaaaa 249

<210> 24383

<211> 254
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907940H1

 <400> 24383

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 gctagtttcc ttttcggatg gggaatcaca attggtgctg gtttggcttc ttaccccatt 120
 gacactgttc gtagaaggat gatgatgact tctggagagg ctgtgaagta caagagctct 180
 ttgcatgcat tccaaacaat cgtcgcaaat gagggtgcca agtcactctt caaaggtgct 240
 gggcaaacat attg 254

<210> 24384
 <211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907942H1

 <400> 24384

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 catgatcctc ttggagaaat tcggcttcac ccacaccggc cacgtgtcga tctctgtctc 120
 ctccgtcttc gtggtggcct caggtgggtc ccaaccgat cctcccgat tagggttctt 180
 tctcctgagc gaagagtccc tctgcaagt cctgatcgag atccagcaaa accctagctc 240
 tgcgtcctcg a 251

<210> 24385
 <211> 249
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907943H1

 <400> 24385

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 ccgaaagcgc cgaaaaatac tagggcaaga ttttggatgt gtccgctggc acaagactgg 120
 aagaactaaa ccagttgtct ttaatgggat tcaaaaaggc tgtaaaaaga ttatggtttt 180

gtatgttagc aatgtaaggg gaggaagagc tgagaaaact aattgggtta tgcatacat 240
cacctagga 249

<210> 24386
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700907945H1

<400> 24386

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gcagatctga gattctttct tggatcaact caactctgca actcaatctc tccaaagtcg 120
aagaggcttg ttcaggcgcc gttcattgtc agcttctcga tgccgctcat ccagggatcg 180
tgcctatgca caaggtcaat ttcgacgcca agagcgagta cgagatgatt cagaacacaa 240
ggtccttc 248

<210> 24387
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907948H1

<400> 24387

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cgaagggttc tatggtgaaa caatgccaga gaaaaaacia ttcaatcctg ggtaccaact 120
tattggcact gatttcattt ctaacaacct agttcaccaa gttgattttg ctaccatgca 180
tctctaccct gaacaatggt tgccaggctc aaacgaagct gctcagggtg catttggtac 240
aaatgggta 249

<210> 24388
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700907949H1

<400> 24388

<213> Glycine max

<223> Clone ID: 700907954H1

<400> 24391

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gctttgccga tggccttgcc gtcctccgca gcagcgtcac ggagttcctt tgcagtgagg 120
caatgcacca ccttggtata ccaacaactc gtgcactttc tcttgttacc accggcaacc 180
tcgtcaccgc tgacatgttt tatgacggca atccaaagga agaacctggc gcaattgttt 240
gcgagttgcc caa 253

<210> 24392

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700907955H1

<400> 24392

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tctatagaga gaagcaagca cagactatga taccatctat ctcccaattt ctctctctaa 120
aaccgccgct tccttctcag actagccgct gcagcatttt ctctgcgact ctgcctcgga 180
ccagcacttg gatgtgactg gtttcggcat cggttagatc gaccatggcg gaggtttccg 240
gcgagggagt a 251

<210> 24393

<211> 122

<212> DNA

<213> Glycine max

<223> Clone ID: 700907960H1

<400> 24393

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caaatcactt ctgctcttat cgttgtttgt tctcacttg ttgctttcat tcagtttcag 120
tg 122

<210> 24394

<211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907963H1

<400> 24394

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 cggtgatact aacatgggtg taaggaggtt tgaaaaatgc ggtgaaattt tgaaacatgt 120
 tcctggctct agagatgcta actgggtgca cattttgtat cagaatcgat ctgatgcccc 180
 taaagctctc aacaagaatg gaatgcaaata taatggagta ctaattgttg gtgtaaactg 240
 ttggat 246

<210> 24395
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907966H1

<400> 24395

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 acaacatcag cgatccaacc ttagtattct tcaaccaga gagatttgta ataataaatt 120
 acaacaactt aaacgatggc aggaggagct tatgtagatt cgggaaatgc aaagcaattt 180
 gatgggaagg tcacggcatt cgtattggtt acatgctttg tggcagccat gggaggctta 240
 ctctcggtta tgate 255

<210> 24396
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907967H1

<400> 24396

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 cgacattgtg tactaccaga ctgattccca gctccacaaa gattcttgga ccagtcctaa 180

ctaaagtttt tgatgctaca ttacctatt tcactcttaa atactatttc ctatgtaata 240

tgaatttaga atat 254

<210> 24397

<211> 95

<212> DNA

<213> Glycine max

<223> Clone ID: 700907969H1

<400> 24397

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ccgttgtctt cattttcact aggtccacac aacat 95

<210> 24398

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700907971H1

<400> 24398

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ctataccggtt aaggccaccg ttcgcgacac aagtgatccg tataaaataa accacttggt 120

tggcctcgac ggtgctaagg agaggctgca cctctacaag gcgaatcttc ttgaagaagg 180

ttcctttaac tctgtcggtt aaggttgcca tgctgtgttt cacactgctt ctccctattt 240

cacaatgtca 250

<210> 24399

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700907974H1

<400> 24399

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ttctcaagtc tctttggcat cactcggtat cagttttgtg ctgctcttta aaggcattac 120

ccgttttcac gtttgcaaact caagctggac ttgacatgct tgagacaact ttggttgac 180

ttcaagacat cactctggaa aagatttttg atgacaatgg aaagaaaact ctggcactga 240
gttcc 245

<210> 24400
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700907976H1

<400> 24400

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gggcaagctc tgttcagcat tttggaaaga agaaggatag gagcttcocct cagccaaaac 120
ctgcaaaaacc tctacctgac atcatcagtc agagtggcca ccagcatgcc atagcgtatg 180
tggaggggaga taagtattat ggagccaagg caaccataaa cgtctgggac caaaaattca 240
ac 242

<210> 24401
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700907978H1

<400> 24401

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aacaacagga ggacgaaatg gagtatgttg ctgatgataa tgaaatggcg gaagtagaag 120
atgacatgta tttccgtggt agagtgtttg gtgattcaga gtccgaatca gatgacgatg 180
atgaatatga ctccatggaa aatcggatga cagatacctc tgctgcagaa gccggaaagg 240
aaag 244

<210> 24402
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700907979H1

<400> 24402

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 ccgccttcgc cctcttcctc cgccgcaact cgcagttacc cgggactcct ccaccgccct 180
 ttatcgactc tgtccaccgg ccaaccgcct ctgcactacg gcgatgctcc tccaccgcgc 240
 caaaaccctt agcct 255

<210> 24403
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907980H1

<400> 24403

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 cagtagtaat gggtaaggaa aaggttcaca ttaacatcgt ggccattggc catgtcgact 120
 ctgggaagtc aaccaccacc agtcacctta tctacaagct cggaggtatt gacaagcgtg 180
 tcatcgagag attcgagagt gggaagctgc tgagatgaat aagaggtctt tcaagttgcc 240
 tgggtg 246

<210> 24404
 <211> 164
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907983H1

<400> 24404

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 cttcggggag ttgaaaataa gcgtagatcc ggggattccc gatataggtc aacctatcga 120
 actgctgccc accctggaaa cggctcagcc ggaggtaggg tcca 164

<210> 24405
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907986H1

002229.ETFE60

<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700907937H1

<400> 24408

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agagagttct ccagatgtta tcaatgaagg aagtgccacg tegtcaacac cagtgaactga 120
agatagaaac catgccgttg cttttgcagc agcaactgcc gctgccgccg aggcggcggt 180
gcgcagctgc tcaagcagct agctagagtt gtaagattgg cgggttatgg acgccagccg 240
aaggaagaag agctgcaata 260

<210> 24409
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700907894H1

<400> 24409

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acaccaactt gatacctctg attctttctt tgcttagaat tccacagaat atggagacta 120
tacttttcaa tcactcccca cttttggaat tcaagggttt gagcaaggag gaggaagact 180
cattgctagg gcaagtggaa atatggaggt acatgacatg cttcacggac tccgtggcct 240
tgaaagctgt catagagctt cgtatag 267

<210> 24410
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700907895H1

<400> 24410

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gcggtttcaa tttcaaaggg gcagaggcag cacgtgcctt ctttgtgttt ggtgattctc 180

agaataacca tgatgaaatc gactttgagt ttttggggaa cattagaggc aaagactgga 60
 ggattcagac caatgtttat ggcaatggta gcaccaacat tggcagagag gaaagatatg 120
 gtctctggtt tgacctgca gatgatttcc atcagtacac tattgtctgg acagactctc 180
 agatcatatt ttatgtggac aatgttcta ttagagaagt gacggaaca gaatctatgg 240
 gaggagattt ccttctaagc caa 263

<210> 24417
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907907H1

<400> 24417

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 gcttacagag aggttaggca aggattttcc atctaatacg aatcctgaga ttttccgctg 180
 tgcggtttgc caagcagatc agccctctgt ggacagtta tcaatgaaca ctgggccttt 240
 tttccccag tatctaagcc 260

<210> 24418
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907908H1

<400> 24418

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 cccgcttcga accgtggctt cctcggcctc gcagaacctc tctgaagaa aatcttcttc 120
 ttctgtcttcg ttttctcaac aaacttccgg gtgcacccgg atcgtttacc gcgaacctcg 180
 gatcccatcg gaatccaatt ttccgatctg gcagcagaac tggttcatcg cattgtcttt 240
 cctcatggtc tcggattctt 260

<210> 24419
 <211> 184
 <212> DNA

<213> Glycine max

<223> Clone ID: 700907909H1

<400> 24419

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cagtattgaa aagcaagaac cacaaccttt ggaagcttat gatcttgtct gcggatcgtt 120
ctgtggatgg caagggtatc ccctgggaca aacaagatcc tggggaagag gctatcgaat 180
cact 184

<210> 24420

<211> 86

<212> DNA

<213> Glycine max

<223> Clone ID: 700907911H1

<400> 24420

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tgattgagta ttgagcatgg aggcgc 86

<210> 24421

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700907912H1

<400> 24421

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agaacattgc atttactcct atctctcact ctggatcttc aacttcttcc tgattttgct 120
gatttggggg attgagttgg aaggggaaac atggctgctt cttctgcac tctttctggt 180
gcttctgctt cggatcttct gaggagttca accagcgggt tcaatggtgt tcctttgaga 240
ccatggggaa ggg 253

<210> 24422

<211> 255

<212> DNA

<213> Glycine max

<210> 24425
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907917H1

<400> 24425

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 gcacgtgttt ggtgttgtga gttttaagct caagcaagct gaaatgccct ttgcatgttc 120
 cagcttaatc cgcaagcata tcggagattc tcctcagcgc aatgtggctc taagacgcag 180
 agcaaattgga acaattcttc cccaaatcag agcccagaac gttcttccag actatgttcc 240
 aaaatcggag tttataaagt agaa 264

<210> 24426
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907918H1

<400> 24426

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 agatgggata gcaaaaacta gtggcaaacg agtgaagatt ggatttggtt ttggttcttt 180
 ctgattaatt ttggttttta cttgggaaat ggtttctgaa aatgtggata gaaagctcgc 240
 agccccatt attgaagaa 259

<210> 24427
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907921H1

<400> 24427

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 caatgcgttt cactcttgct gtctaacatg cactttcccg attgctagag tttctgtttt 120

agtttgtcag taattaatag gtgttctact ttcagggcag tgctctgagg taatgctgtt 180
 cgattttact tctcagtcta ctacagtgtg tatttggtag caaactttta tgctaaaata 240
 atccaaggcg tgtgttttgg 260

<210> 24428
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907922H1

<400> 24428

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 atatattcac aacattaatt tcgcacttcg ccctctgcc aactaccaagc tacggcttcc 120
 tctgccaaatt caatccgtcg tcgttttcgc caattccgaa tgcgtcgatt tcgggttgga 180
 gaatgagttc tccgacctct tcttgatct ctgttcaaac cgtcacacag tctctgcgtt 240
 cggatttctt gtccaattt 259

<210> 24429
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907926H1

<400> 24429

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 agttgcaatt gaaagaacag tcttctaccg tgaaagagca gctggaatgt actcagctct 180
 accttatgca attgctcagg tggcaataga atgtatttat gttgcaatcc agacatttac 240
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<210> 24430
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907927H1

095413.03200

<400> 24430

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gataagcttg ttgtgtccac ctctctctcc cttcttcaca ctgctgttga tcttgttaac 180
gagaccaagt tggatgacga gatcaagtca tggctagcat ttgctgcaca aaaaattgtg 240
aagttaacgc 250

<210> 24431

<211> 67

<212> DNA

<213> Glycine max

<223> Clone ID: 700907930H1

<400> 24431

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tcacccc 67

<210> 24432

<211> 122

<212> DNA

<213> Glycine max

<223> Clone ID: 700907932H1

<400> 24432

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ccaagggcca acacatgatg agattgattt cgagtttttg ggaaacctaa gtgggggaccc 120
tt 122

<210> 24433

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700907933H1

<400> 24433

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tccatggctc tctcatcccc atccttggtt ggcaaggccg tgaagctggg cccatcagcc 120
 ccagaagtgg gaaggggtgag catgaggaag accgtcacca agcaggtctc ctcaggaagc 180
 ccatggtacg gcccagaccg agtcaagtac tcgggcccac tctctggcga gcccccgctc 240
 tacctaaccg ggagttccca gg 262

<210> 24434
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907934H1
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 aactttccta ttcacatcta aatcagtga cagggggcac cctgacaagc tctgtgacca 120
 gatctccgat gctgtgctcg atgcatgctt ggagcaggac cctgacagca aggttgacctg 180
 tgaaacctgc attgagacca acatggtgat gggttttcgga gagatcacia ccaaggccaa 240
 cgtggactat gagaaga 257

<210> 24435
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907893H1
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 ttcgggacga ggaggtgcgt cccaagggtt cctacaacga attcagcgac gagatcccag 120
 tgattttctt tgccggaatc gacgaggtgg atggacgcag aagagagatt tgtgagaaga 180
 tcgtggaggc ttgcgagaat tggggtatat tccaggttgt tgatcacggt gtggatcaac 240
 aactcgtggc cgagatgacc cgtc 264

<210> 24436
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907834H1

<400> 24436

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acaatgcctc ccgaggcact tgaggtcaca aggaagttca tgaacaaacc tgtgaggatc 120
cttgtgaagc gtgatgagct caccttggag ggtatcaagg aatttcatgt caatgttgag 180
aaagaggaat ggaagcttga cacactgtgt gatctttatg agacattggc aattactcag 240
agtgtcattt ttgtgaacac cagaag 266

<210> 24437

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700907843H1

<400> 24437

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ctatgcccac ttgtcctctg gcctcgctg tgccctcgct ggctctctg ctggaatggc 120
cattgggatt gttggtgatg ctggtgtcag ggctaatagcc cagcagccga agctgtttgt 180
tggtatgatt cttatcttga ttttcgctga agctcttgct ctgtatggcc tcattgtggg 240
tatcat 246

<210> 24438

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700907845H1

<400> 24438

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gttcaaaggc attaataagg gaaggatcgt atggtcgggt gtattctgca accttaaaca 120
atgggaaagc agtggctgtg aaaaagcttg atgtttcatc tgaacccgaa tcaaataatg 180
agtttttgac ccaggtttcc atgggtctcaa gattgaagga tgacaatttt gttgagttgc 240
atggttactg tgttgaag 258

0953113-032200

<210> 24439
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700907846H1

<400> 24439

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ctttttcttc cactccccga tctgcttcg ccgccgccag attcgccgct ctctctcgct 120
cctcccgcta cttctcaacc cagtccgagg atgctactgc catcaaaaag aaggttatgg 180
atgtaatgcc aatcgctact ggtcacgagc gcgaggagct tcaggctgag ctcgagggaa 240
ggaatattct tgaaatagac 260

<210> 24440
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700907847H1

<400> 24440

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cttcactctc agatggctcg tgctgccacc tacacagttg gagattctgg gggttggacc 120
tttaacactg ttgcctggcc caaaggaaaag ctctttcggg ctggtgacac acttgctttc 180
aattatagcc ctgggactca caatgtggtg gccgtgaaca aggctggata tgatcgctgc 240
aagactccaa gaggagcca 259

<210> 24441
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700907848H1

<400> 24441

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caagttatag ggtcttggtt tgtgataagc gccttcgtta atgcaaactc gtcacttgt 120

tttatatctc ttcaatgggg aaatcaacag aataagggtca cactcatttt agcagagaag 180
 cctacgatga cgatgcaagt gtaaatatca cactttcttg tatttgctg ctggctcttg 240
 acatcagatc gccagagcag 260

<210> 24442
 <211> 116
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907850H1
 <400> 24442

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 gtgaatggca tatcgagcga agatctagct tcggctctga atccccctta gcaaga 116

<210> 24443
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907851H1
 <400> 24443

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 atcagaaaca tcgccgtcgg actgcctgaa gaggggtctc tccccgtcac gttgacggcg 120
 gctttggctg agttcatctc aaccttcac ttcgtgttcg ccggctcagg ctccggcatc 180
 gcctacaaca agtcagcga caacggcgct gccagccctg ccggcctcat ctccgcctcc 240
 atcggccatg cattcgcct 260

<210> 24444
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907853H1
 <400> 24444

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gcttagcgag tgtgccgaga accaagcaag gcttcagaga aatctcatgt acttagctgc 180
aatagctgat tctcaacccc aaccacccac catgcctggt cagtaccctc cgagtgggat 240
gatgcagcag gga 253

<210> 24445
<211> 252
<212> DNA
<213> Glycine max
<223> Clone ID: 700907855H1
<400> 24445

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aaaggaagtt gaggtgacac aattggatgg cactaaattg tcttacacag caaagcacgt 120
attgattgca actggcagca gggctcaacg tccaaatatt ccaggacagg tgttgggtat 180
aacatcagac gaggcactaa gtttagagcg tcttccaaaa catgctgtgg ttcttgagg 240
aggttatatt gc 252

<210> 24446
<211> 250
<212> DNA
<213> Glycine max
<223> Clone ID: 700907856H1
<400> 24446

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aaggtcttct caggcaaattg atgtccgcaa gcaaactggtt ggcagcgctg ttccagttct 120
taaaggcgaa aagttttcct tgcggatact ggtggaccat tctattgttg aaagctttgc 180
tcaagggtgga aggacggttg tgacatctcg ggtttatcca acaaaggcaa tctatggagc 240
tgctaggttg 250

<210> 24447
<211> 248
<212> DNA
<213> Glycine max
<223> Clone ID: 700907857H1

<400> 24447

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 tctctgatcg atttcgattc ggaaaaatag cgtcttcgag cgcaaccggg gctggatcca 180
 ccgatcccac agctgccaga agaaatacca agcgacccaa gtattcaaag ttactcagc 240
 aagaactt 248

<210> 24448

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700907860H1

<400> 24448

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 cttgcctgtc ttgactgatg cattcgatgg aaatatatttg agccttgagt ttgataattt 180
 tgctgaagtg cgaaaactct atgaagggtgg agttacacta cctacaaact ttcttagcaa 240
 gatcgccctt ataccagtga tc 262

<210> 24449

<211> 91

<212> DNA

<213> Glycine max

<223> Clone ID: 700907862H1

<400> 24449

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 aagtgagaat ctttcgttca ctactgggc c 91

<210> 24450

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700907864H1

<400> 24450

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ggtaggctact tttgtgggtg cagccacagc tggtagcttt taccaagact ttgaaataac 180

atgggggtggt tagcgtgcca aaatctatga aaatggaaat cttctcaccc tctccctaga 240

cagagactct ggctctggct ttcggt 266

<210> 24451

<211> 102

<212> DNA

<213> Glycine max

<223> Clone ID: 700907866H1

<400> 24451

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accaagcatt gggcatatgg aggtgaattt ggggatgttc cc 102

<210> 24452

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700907867H1

<400> 24452

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agagcctgag cggaatctgg accagatcat atataaaata aagcttcctg gaccagcgat 120

tttgggtgag ggtaagcccg aaaatcagaa tcatgccata attttcacac gtggagaggg 180

cttgcaaaca atagatatga accaggataa ctacatggaa gaagctttga aaatgagaaa 240

tttgttgcaa gaatttct 258

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<212> DNA

<213> Glycine max

<223> Clone ID: 700907868H1

053113-03200

<400> 24453

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 aagaaaaact tctatcaaaa actataggca ttcaaggcat tgtctattgc aaatctgcct 180
 ctaaactcac ccacttgaa ggggccttga caaggatagc atgcgaggct gttgatgaat 240
 atgggtttga aacga 255

<210> 24454

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700907870H1

<400> 24454

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 atcagtcacc acgtaatact taataatccg caatgggaaa gcaagcaatg ggaatatatg 180
 ttaccaacta ccagtttcga atggatacct tggcctatgt tttatattat ccacaaaagc 240
 cactg 245

<210> 24455

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700907872H1

<400> 24455

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 gggcatagaa ctcacaaagt tagacgggtgg aggaaaacca gtgggtggca gtgtggggag 180
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 aaccgact 248

<210> 24456

<211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907880H1

<400> 24456

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 cgagacatat atctgtcaca tactaatctc actttataaa tgtgtcactg tgctttccat 180
 gtatgccaac tacggaggga caatacaata agtttgtact gcagtcatta actagcttgc 240
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<210> 24457
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<223> Clone ID: 700907882H1

<400> 24457

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<210> 24458
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907883H1

<400> 24458

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 aaaatcattg aatgtagcta ttagatcata actacatata tgtatatata ccttgatgt 120
 gtgaaatgac aaattattat ttaattataa gttttttttt gt 162

<210> 24459
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907889H1

<400> 24459

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ctaggctcgt tcttgaatcc ctaattcgat ctctctctcc tcctccgaag aataacagga 120
ggatcgatgt gggcagcact tgctggcgt cgtgctgcgc ggctgcgca tgcgacgcct 180
gcaggaacgt cgtttcggga atcagccgtc gttccgaccg gatcgccctac tgcggcctct 240
tcgccttctc cctt 254

<210> 24460

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907890H1

<400> 24460

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tttatgtcat tacattatca caactctttt gtttctctgg catgcaacta aaaaactctg 120
ctgctgtagc tctggcttgc aactaaaaaa ctagactgct gtagcaaagc ctgagttcta 180
tggcttcta gttgccatt tgagaaaaaa aaaaccacaa agatcttgaa tttggctgat 240
tctggaaatg gg 252

<210> 24461

<211> 96

<212> DNA

<213> Glycine max

<223> Clone ID: 700907891H1

<400> 24461

cacgaaatcg cgaacagaac agcaacgtta acaatgggtt ctcgctacga ggtggaactg 60
aagctctcat cggcacgcgc tctcaagaac gtgaac 96

<210> 24462

<211> 262

<212> DNA

<213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700907892H1

<400> 24462

caaagatccc aacagtgaga agtcgagcga ttttgtttac cttccaagag atgaagcatt 60
 tggtcacttg aagtcatcag attttctcgc ttttggaatc aaatctggac nccaagatgt 120
 cttgcctgtc ttgactgatg cattcgatgg aaatatatttg agccttgagt ttgataattt 180
 tgctgaagtg cgcgaactct atgaaggtgg agttacacta cctacgaact ttcttagcaa 240
 gatcgccctt ataccagtga tc 262

<210> 24463
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907833H1

<400> 24463

ctcgatcaat ggctggcagc tacgacaacg aagctgttgc tatatttgct ttgatattca 60
 ctttctacct ctatattaag acgctcaata cagggtccct cttttatgcc actttgaatt 120
 ccatagcata cttttacatg gtttgctcat ggggagggta cacttttatac attaatctta 180
 ttccaatgca tgttctcttg tgcatagtaa ctggctcgta ttcttctcga ctgtacattg 240
 catatgca 248

<210> 24464
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907770H1

<400> 24464

gtacccttca tccattcaca tcaaattttg caactttggt tccaattgcg tgcacccatg 60
 tcctcttctc tttccttata gctctctgct cctccatcc acgattcttc cttcctccat 120
 ggaacaaagc tctttccctt ttctcgaaga gtggcaccac gccgcttcaa ttctttctct 180
 gccaaagtgt cctcgcacca catccccaaa cagttccgaa aggaaaatct caaagatgg 239

<210> 24465
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907771H1

<400> 24465

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 ttttctttct gttgttgctt ctagcacact ttcatttggg cataagccaa cttgagctga 120
 attactactc taaaagctgc ccaaagctg aagagatcat caaggaacaa gtcacacaac 180
 tatataacaa gcatggaaac actgccgttt cgtgggtcag aaatctcttc cacga 235

<210> 24466
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907772H1

<400> 24466

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 aacaaggcca ttttctccca gaggaggatg acaagtttct tgagaaagtt caagctgctg 180
 tggaagaaga ggagcgtgaa gctttggctg cagttgaaac agatgctgct aaagatgca 239

<210> 24467
 <211> 234
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907774H1

<400> 24467

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 tgaagttcac agctgaagag ctacgtcgta ttatggacta taagcataat atccgtaata 120
 tgtctgtcat tgctcatgtt gatcacggaa aatcaaccct cactgattct cttgtggctg 180
 ctgctggtat tattgctcaa gaagttgccg gtgatgtccg tatgactgat accc 234

<210> 24471
 <211> 240
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907779H1

 <400> 24471

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 tctatgcata tgctgctggct caagtgaaga aagccataga tctgacacat tatttggggg 120
 gagaaaatta tgttttctgg ggtggctcgtg aaggttatca atctcttttg aacacagata 180
 tggagcgcaga gcttaatcat ttggctaggt tttttgaagc tgctgttgca tacaaaaaga 240

<210> 24472
 <211> 236
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907782H1

 <400> 24472

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 atctgagtag agtagtagaa gaagaagaag aagaaggggc agattgatgg gagaagaaga 120
 agaatcagct ctctctctct cccgcagcaa gcgttcttct tccacattca cttataagta 180
 tcacctcttg atcgcttcca tgttctctct cgcgctctac ttctctctct cagcaa 236

<210> 24473
 <211> 239
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907783H1

 <400> 24473

 gccctcccta accccgacgc cgatgaaccc accaacgact tcgctttagc gtctcatcct 60
 caggaaaatt taagccattc tgagactgag agttccgaag atgatcaaga tgctccacca 120
 caaatggaca tctcgtgggc aacgatcaca gcccagctg gaagtggatc cggtgggtggc 180
 accagggctg gacttttccag aacacccatt tctggtggcg tgcagagtgc cacctcagc 239

<210> 24474
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907784H1

<400> 24474

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 gtcgtgtac actatgttgc aagtgttcta cttatttcca tgccatgtgt gctataaggg 120
 ctggttatcg aatggagttg cattgtttgg agaaaaatgg caagcagaca acaaaaatgg 180
 tctcttattg tgcttaccac agggctccca atccagatac agttttgatt atgca 235

<210> 24475
 <211> 125
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907785H1

<400> 24475

cgaaagagca aattacactg atgtaatttg ttcaaaatta cttctttcct ttttaacttt 60
 acagtaatcc ctttttaca gaatacactg aggaatgcga attttgaaga aaaaaaaaaa 120
 aacaa 125

<210> 24476
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907787H1

<400> 24476

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 ctgcgccggac ggcgctcggc gtcgctcgcc gccgatcgat tcggcaacgt agcattttca 120
 tggtaacgtc ggaaactgaa aacagcgcgt tttgagattt ggctttttgc gtgcgtcgac 180
 gaaagagaga gagagacaca aaaatgacta ggattgggaa cggaggagga ggagg 235

<210> 24477
 <211> 202

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907788H1
 <400> 24477
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 ttccgtcagc cttctagggc tttctcaacc gctctgaact accaccttga cacaccgcac 120
 aacaacccta accttccatg ggaattcacc gaggccaatc aagcaaaggt taaggagatt 180
 ttgtctcact atccatacaa ct 202

<210> 24478
 <211> 234
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907789H1
 <400> 24478
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 aaatgttaag cgcagaagag atcgaatcca gaaacaatcc tcccttctct caaaattgac 120
 acgccaatg agtattcatg acaaccgagc agctgctgcc tctggctggt caaatggtag 180
 tgcagagagt agcccaagaa gcagcagcgg acctgggtgat gactggagat ctgc 234

<210> 24479
 <211> 110
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907790H1
 <400> 24479
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 aacaaagaga agcagaaaaag gtgggcgttt atacaggatt ttacagtaac 110

<210> 24480
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907792H1

<400> 24480

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 tggcgatttc caattcaatg gactttcttc aactcttcat tgctgtcttc atcgcgttct 120
 caatcgcatc cagagctcac cgaaaaaat ccctcagcac ttctggcgca atcgctgggt 180
 tcttcgttat ggcccttcac atttttgtgg gttacagggt tggggcgatg ctgctt 236

<210> 24481

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700907795H1

<400> 24481

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 ttgtgtcaat tgccatagtc accaaccaat taacaaaggt atatatatca tcatatcatc 120
 accaaatgaa aaatattggg ttgttttttc ttgtggtggt ggctactttt gtggtggcag 180
 ccacagctgg tagctttttac caagactttg aaataacgtg gggttgtagag cgtgccaa 238

<210> 24482

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700907801H1

<400> 24482

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 ctttctacct ctatattaag acgctcaata cagggtccct cttttatgcc actttgaatt 120
 ccatagcata cttttacatg gtttgctcat ggggagggta cacttttatac attaatctta 180
 ttccaatgca tgttctcttg tgcatagtaa ctgggcgcta ttcttctcga ctgtacattg 240
 catatgcacc tcttggttga ttgggaa 267

<210> 24483

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907803H1

<400> 24483

aaccaagctt ctctgttaaa aaaaaattag gcgtctaaag ggccaaagct tagaaagttg 60
 aagctttttt tgttgaggtg aaagtgaat ggttggaag gataatctga gggctgagga 120
 cttgaacttg tgctttaaga agcttatgat ggtggccggg agtgggaaca gtgagaaagg 180
 ggtgaacttg aaggttgggg tgatcaccga gtggaaggat attcctgtgg agcttctgat 240
 gcaaattctg tccc 254

<210> 24484

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907808H1

<400> 24484

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 tagagccag cctctcaagc ccaagcccaa gcccaagccc aagcccgttc ataaaatcct 120
 cctgcagcag caccagctac ccagccctct gcgtctcatc cctctccgtc tacgccttca 180
 gcatccaaca ggaccctcac caactcggtc agacagcact ctccctctcc ctgaaccgca 240
 cccaagc 247

<210> 24485

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907810H1

<400> 24485

caacaaactg cattgcagca gcctactcaa cttactcaac tccaggatca gcaaagacag 60
 cttttagata aaacacataa cttgtctaga gcactaacac ctgggtcaagt actggaaatt 120
 cctcatatta ttcagaattc actgcccag gctaattcta tctcaaatca gatgacaaag 180
 gccaatggcc agagcaatat tcaattctct cagcagccca agcttcagca gcagcaacaa 240
 cctggcatgg tt 252

<210> 24486
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907815H1

 <400> 24486
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 tcaggtgggg acttttggtg gggcgggcaca tctgttataa gataacgcag gtgtgctaag 120
 atgagctcaa cgagaacaga aatctcgtgt ggaataaaac ggtaaaagct cgtttgattc 180
 tgatttccag tacgaatacg aaccgtgata gcgtggccta tcgatacctt agtccttcgg 240
 aatttgaagc tagaggtgtc ag 262

<210> 24487
 <211> 94
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907818H1

 <400> 24487
 gttgctttct aaccttaccg ggcagcataa acataaactc cttatcctct ctctctctct 60
 gtctctctgc gtctttctct cactcacacc acac 94

<210> 24488
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907819H1

 <400> 24488
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 tggttccttc tttgtctatt gtgaaggggt tggtggcagg ttacgtaaat actggctgaa 120
 aggagaaaaa gctggaactt cagagatttt agccatccta cctggatatc ctgacaatct 180
 gagactctat gtatatagtg atatttcggc atctcttcat tctagaaggt atatgtatgc 240
 atactacaat gg 252

<210> 24489
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907825H1

<400> 24489

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 gagtctccgc aggacgagat tgccgtttat ctcaaagacc cactaaccag ccggaacgag 120
 tgctaccagt tggactcttt ctttgggcat gaagataaca atgtgggtca gatattccac 180
 cgagaagtaa gcctcttgat tccgggaatg ttcagcggat gcaatgccac agtgtttgct 240
 tatgggggc 248

<210> 24490
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907828H1

<400> 24490

gaaaaaagga agaggcacag agagcagtga aagagagaaa ggaagaaaag agggagggag 60
 agaggttcgg gggccatgta attggaaaaa tggaagcaac attgaagttg gagtcccttg 120
 cgtgcataga ctccaccact ctctctcact cagagctcct cgctctttct ctctcctctc 180
 tatgctccac ccatgatcgc ctactccca atatcgaacc cgctctctac aaccagagca 240
 ccggct 246

<210> 24491
 <211> 84
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907760H1

<400> 24491

ggccgccctt tttttttttt ttttacaact tagcaactca caatttcttt tattccaaac 60
 aaaccaggag gatacaataa caat 84

<210> 24492
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907712H1

<400> 24492

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 ccaatactca gaaaattgaa aataatgaac taaagactaa gtgggaagat gagaaggcac 120
 aactagaaaa gtctaggaat gatgctgaga agaaatacaa tgaaatcaat gaacagaata 180
 aaatactaca tagccaactt gaggcctttc atattcaatg ggccgagaag gagcgtaatg 240
 ctgctg 246

<210> 24493
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907713H1

<400> 24493

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 tcaagaccct caccggcaag accatcaccc ttgaggtgga aagctctgac accatcgaca 120
 acgtcaaggc caagatccag gacaaggaag gaatcccccc ggaccagcaa cgtctcattt 180
 tcgccgaaa gcaacttgag gacggccgta cccttgctga ctacaacatt cagaaggaga 240
 gtactctt 248

<210> 24494
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907714H1

<400> 24494

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 cttagaaaag cttcatacca ctcaggcctt atccgagctg caattgaact gagcaaaggg 120

<400> 24497

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 actacacaac gcagctctgt ggttgatcga cgcattcttc attcaatcc cacaatgtct 120
 ataacgcaca gctcaccac ttcactctct tcttcttctt ctgctttctt agctccctct 180
 tccttcaatt ccagaggaca ggtttcgttg cctgtgaaga gcgtgagcat ttgcaaatgc 240
 gttgccac 248

<210> 24498

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700907719H1

<400> 24498

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 tgacacaata gatctgtgtt agtccttttg ttttatcaaa ccacacttgc accaatcaaa 120
 accacaaaac acaactcgtc acatcacatc acatcacatc tattttcatt atttcatcat 180
 ttccactgca attttcacac cacacacaca cggcaatcat ggaagttgat agtagg 236

<210> 24499

<211> 117

<212> DNA

<213> Glycine max

<223> Clone ID: 700907720H1

<400> 24499

ctttcattgg tgtggcctag ctgttatctc aatgagaaag ccgtcatctc ggcaattgag 60
 gactttgcgc attgggggttc ccttgtagct tgtaataacc ttctgttatg ctacttc 117

<210> 24500

<211> 158

<212> DNA

<213> Glycine max

<223> Clone ID: 700907721H1

<400> 24500

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 ccttcgagag aaaatggcag ataatcttgt tctccgtggc accatgcgcg cccacaccga 120
 cgttgtgacg gcgattgcca ggcccatcga caactccg 158

<210> 24501
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907723H1

<400> 24501

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 atcatgaaac ccaacttttc ctttgtatct aagcttttga tactgcaata tctatcagtt 120
 ttatgcattt ctcaggagtt tgatttcttc tactttgttc agcagtggcc aggagcatac 180
 tgtgacacaa agcagagctg ctgctatcct aagactggga aacctgctgc tgatttcagc 240
 a 241

<210> 24502
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907724H1

<400> 24502

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 ttagtgttat ggccatggcg gcagtctgag aagagtactg tgcttcttac gggagccggt 180
 ggtcgcacag gagaaatagt ttacaaaaca ttagcagcga gggcaaacca atatgtggct 240
 agaggt 246

<210> 24503
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907725H1

<400> 24503

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 ttcccatcac aaacaatatt acacaatttc aagagctaaa gacacacact tcatctgaat 120
 tgctaccaaa ccaaaaacag attaacctca ttcccttctt cctcgtcaat cctcagatac 180
 aaagctattt gctctgtgtt ggcgtgtctc cctcctgaat cctcaacctc atcttccact 240
 gct 243

<210> 24504

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700907726H1

<400> 24504

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 accaaatccc ttttttcgag tgagagcagt tagcttgggt ggttggttgg ttactgaagg 120
 ttggatcaaa ccttctctct tcgatggcat tccaaacaaa gacttattcg atggaactag 180
 tcttcggttc aagtctgtgt caacagggaa atatctatgt gccaaagtctg gagggggaaa 240
 tgtc 244

<210> 24505

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700907727H1

<400> 24505

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 cagtcccga gcaactgttt cctttctctg gaaaggagag gggtcatttg ttgaggagct 120
 tcttcagtgc ataactcctc atgttgaaga aggcattctg aatgatctca agtttaaaat 180
 tcatgctcat gatccttcaa attctggaga tattcaaaaa gagcttcgaa agtctctgtt 240
 atggt 245

<210> 24509
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907731H1

<400> 24509

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 aaaacctagc aaagcaacaa aacggcgctca tgcttgggaa gtagcatgca atggtaaccc 120
 tagaaatagg agggacattc tgatcggcct tggaggactc tatggtgcta caacaagtct 180
 cacaagtaac aacactgggt ctgcctttgg tgcttcattg tcgcctccag atccaactaa 240
 ct 242

<210> 24510
 <211> 114
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907732H1

<400> 24510

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 gtcgttttgg tttaattgtg aaaggccggt tagatccagt agtcggtttt caaa 114

<210> 24511
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907733H1

<400> 24511

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 ttcaagttct atacagcttg cgtgactata gaactgaagg ggcatcagaa ccagagtgga 120
 aagaagtaac cgtcagatca agtactgaga tagtctttca gcctgaaaat gcttcaaaag 180
 ttcgaaagtt taagctctct tcagtgaagt ctatgcttct tagcgcttga agttgccccaa 240
 actaagg 247

<210> 24512
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907734H1

<400> 24512

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 acaatattgt tctctttatt tcttcttgat tttggttttg cacaacaggg ggatcttgac 120
 atatcaagat ttggagtacc accaaatata aatataggcc aggttttctt aagtgcctgg 180
 actcaagcat gtgcatcacc aactgctgtc aaaattgtga ttccagctgg cacataccaa 240
 atggg 245

<210> 24513
 <211> 232
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907735H1

<400> 24513

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 ctcaagtgttt gcgaacgctg catcatcctt tggggaagaa tggatcatca agggcatagc 120
 cagaacccat ctatgggggt ggttcgtagt ggagctcaat tagcatatgg ttctaaccac 180
 tatctgccag gccaaataac tgggccaccg ggggtctgttg tgacatcagt tg 232

<210> 24514
 <211> 160
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907738H1

<400> 24514

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 aagccggagc accatggagg agaagagcac aaagaggcgt tcctagacaa gctcaaggac 120
 aagatccacg gcgacgaggg tggcgccacc gccgagggcg 160

<210> 24515
 <211> 122
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907743H1

<400> 24515

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 tttggcctca tcgcttcctg cagatctcat tcttcatcca ttcacagcca catccacac 120
 aa 122

<210> 24516
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907751H1

<400> 24516

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 tcatgacaca atagatctgt gtagtcctt tggttttatc aaaccacact tgcaccaatc 120
 aaaaccacaa aacacaactc gtcacatcac atcacatcac atctattttc attacttcat 180
 cattttcact gcaattttca caccacacac acctcacaat catggaagtt gatagtaggt 240
 ttc 243

<210> 24517
 <211> 127
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907752H1

<400> 24517

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 tattgaagga taaaatgggc gacgtaccaa gacaaacagt ggaagaaata aagaagcatg 120
 cggatgc 127

<210> 24518
 <211> 199

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907753H1
 <400> 24518
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 agttgttaaa ctttttttatt ttgagagaaa aaaacattgg acatagtaaa gccatggaag 120
 agatcaccaa gaacctatca gggacttctc ttttgggtacc atcagttcaa gaattggcta 180
 aagaaaagat atctaattgt 199

<210> 24519
 <211> 233
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907754H1
 <400> 24519
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 gccttgggct gcgtcttccc ggagttgctg tcccgcaacg ggggtgaagtt cggagaagcc 120
 gtgtgggttca aggccgggtc ccagatcttc agcgagggtg ggctcgacta cttgggcaac 180
 ccaagcctga tccacgcca gagcctctc gccatctggg ccacacccat tag 233

<210> 24520
 <211> 151
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907758H1
 <400> 24520
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 catattcgaa gaggaatagg agtattgaag gaaatctgag gtcaggccac attcctacag 120
 acattgggaa gttgaccaat ttagtaaaac t 151

<210> 24521
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907711H1

<400> 24521

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 cgacacacgc cggggccacgg ccatcacgca tgagggtgtg cagaggctga cttcccgatc 180
 cctgtcaggt ttacccttgg aaggtttcaa ctacgactca atattggggc agtgctgtga 240
 gatgc 245

<210> 24522

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907674H1

<400> 24522

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 cagattggaa atggatacgc accggtgctt gattgccaca cttctcacat tgctgtcaag 180
 ttttctgaaa tcttgaccaa gattgacagg cgatctggta aggagcttga gaaggagccc 240
 aaatttt 247

<210> 24523

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907675H1

<400> 24523

gcataagaaa gtggtaatat ccatcgctgt agccaccact gcacttgctg cactcatttt 60
 cactttctta tgcttctgga tgtatcatca taccaagtat ccaacaaaat ccaaatccaa 120
 aaatgttcaa agtccagatg cagagaaggg gatcacctta gcaccgtttt tgaataaatt 180
 cagttccatc aagattgttg gcatgaacgg gtctgttcca ataattgact ataagcaaatt 240
 agaaaaa 247

<223> Clone ID: 700907680H1

<400> 24527

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atggcaagcc agccagtga caatgcgagg cctccaacag ttcaaattcg aggacagcca 120
gtgcatcaga aggctgggtg ctgctcgac ttagagagat acgcatattt ggggtctcag 180
acgttcatgc gtctcagtgg catctaaaac tagcttttca cattgctggc atatcaagat 240
tgttcg 246

<210> 24528

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700907681H1

<400> 24528

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caaccctgct ttaatggctg tttcccatct ccacttcttg cctctgagaa gtcccataga 120
actacttctt ccaagcccaa agtcgtcaat aataataatg taacttcac acacgatgac 180
ttcgtcgag ccacatcttc cacccttcac ccacacccaa atttcaccaa ccacgagtcc 240
ctcccatctt tgcaagactc a 261

<210> 24529

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907682H1

<400> 24529

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aaacaacca ttgatccctt tcgccacatc aacatagttc tcaaccctaa cggaacccta 120
aatcgcttgc gccatattcc cagcacgcga cctcttccg accccactct cccagttatc 180
cccaaagaca tcaccatcaa ccaacaaaac aacacatggc tccgcttatt cctcccccca 240
atagcactat ccccaaa 257

<210> 24530
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907683H1

<400> 24530

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 ggtttacctt gccacacaaa aaaatatata aaaaggcaaa ataataataa aaaaaagaga 120
 aggcttggag ccaagaaaat aaacacaaag cataagtcac ggaaataatg gttggaagtg 180
 caacaaaggt tgctttcaac ctcttggtca ctttcgccat tgtcattcca tgccttgagg 240
 ctggcattgc tgagttt 257

<210> 24531
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907684H1

<400> 24531

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 caatgcctcc ctctctgtat tgggaaagct gtgcctcag cttcagcatg ttgaattgag 120
 tggactcgag ggagtgcag atgcagggct tgcttcactc cttgagagtt ccgaggctaa 180
 tgatgggtaa agtgaacctt atcggttgca caaacgttac caataaagta gtctcgtcct 240
 tggc 244

<210> 24532
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907685H1

<400> 24532

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 accctcttcg tcctttcgtc ggacaagtgc ctgcggtgc aatgcggggt ttcctatgag 120

002220-ETTF560

acaatcaccg tcgtcaatga gtttcctcac gatccacaag ccttcaactca gggccttctt 180
tatactggaa atgacacctt atttgagtca actggacttt atggggagtc atctgtccgt 240
aaagttgct 249

<210> 24533
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700907686H1

<400> 24533

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gtgtggcaga taagaagtct actaatcatc ttatgatgcc tgatgatgca gaattggcta 120
tcgatgaaca aaagaaaata gaaggcagcg tagatgggta ccaatctgga tgatgttact 180
agtgaagttg acaattacat ggatgcttta actaccatgg aatcagaact ggaaactgac 240
aatgagtgtg aacct 255

<210> 24534
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700907687H1

<400> 24534

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caccttttca tgtttttctt tcggattctt ttacattgca ttacatcaat tgggtgatct 180
tgggcacatc gagaaatgag tttgagtaat gggaaaaccg aggcaccatt gccatttagt 240
aatggggatg a 251

<210> 24535
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700907689H1

<400> 24535
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 cactgcacac atttatggcc agcgtcgggtg atagaaagga atcagaatgg atggatagga 180
 taatctcaga aggagccatc ccacttcttg aaccagataa ttgttcaa at gggtgggcta 240
 ccct 245

<210> 24536
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907691H1

<400> 24536
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 tctactgcag cggagattta ggattgtggt cttcctgtct tggagtgct gcttgaaaga 180
 tgaccttggt catatgggtg cttgtcatca ttatttgtgt ggtatttatc catgcattat 240
 gtg 243

<210> 24537
 <211> 241
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907692H1

<400> 24537
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 ccgtacctga acgagaagct gaagcgaac gtggaagtgg tgcctcctcc gaagaaagac 120
 gacgataaga aagagaaaga aggcggcggc ggcggcggcg gcggcgagaa gaaagcaggc 180
 ggtggtgaga agaaagagta agaaggcgac ggcgagatga aagagaaaga cggcgcggcg 240
 g 241

agaacttggtg cgcatacta

199

<210> 24541
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907696H1

<400> 24541

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 ttttggtgcc tcggagtcag agctgcaagg aaagtggaga tgctgggatg aaagctgaat 180
 tttgtgggaa atggctactt tagttgaacc cccaacaga attaagccta aggggaagca 240
 ttatt 245

<210> 24542
 <211> 82
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907701H1

<400> 24542

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 acaattccac acaacatacg ag 82

<210> 24543
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907703H1

<400> 24543

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 cctcccagcc ggctacttat ggcagtcaac ctccagcaca gtctgggttat ggatctggct 120
 atggaccccc tcagacccaa aagcctagtg gcacacctcc tgtgtatgga caatcccaat 180
 cacctaacgc agcaggggga tatgggtcaat ctggctcattt gcaatctgga tatcctcctt 240

cccagcct

248

<210> 24544
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907704H1

<400> 24544

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atgaggtggt tctgctagat ttctggccaa gtccatttgg gatgagggtc aggattgcac 120

ttgctgaaaa gggatatcaaa tatgagtaca aagaagagga cttgaggaac aagagtcctc 180

ttctcctcca aatgaacccg gttcacaaga agattccggg tctcatccac aatggcaaac 240

cc 242

<210> 24545
 <211> 203
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907705H1

<400> 24545

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ttcatcatca tcatcatcat cgttcaagtc aaagatgaac ctgagcgaat ccgaatgggc 120

ctttccgcag ttctacagc aggaagctgt ttctttctca tctaattctg atcatgatga 180

tgatcatcat catgctaaac tca 203

<210> 24546
 <211> 156
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907706H1

<400> 24546

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aaagcttcat gctgtgtgca tcccatatccc agcacaaggc cacataaacc caatgctcaa 120

156

<400> 24547

<400> 24548

<400> 24549

10145

tgaaatctat ggagtctctt gaattatctt ggagccttat atacagataa tgtgtatata 240
actta 245

<210> 24550
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700907710H1

<400> 24550

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gagtgagttt gatggcgaga gcaagctctg gtctgcaata cccagagcgg ttctacgccg 120
cggcctctta cgttggattc gacggatcca ccaaattctt cacttccaag ttctccaact 180
ccaccgctct tcttctccac agcctctatc agcaggctag tataggacct tgtaatgtcc 240
cagaa 245

<210> 24551
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700907639H1

<400> 24551

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cacgtgtcct cattctcgtc gagagtatgt tttctctctc tgttcagact tcagagtacg 120
cttctctctc cacggtgggt ttcattatgc cataccactg aagaacgaag tttatctctc 180
tcttgtgact tgtgagcaat tcaaattgcg gagaacagaa cctacacact gcattggaag 240
atacaagaat atcatcag 258

<210> 24552
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700907640H1

<400> 24552

<212> DNA
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<223> Clone ID: 700907643H1

<400> 24555

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 ggtgctgaga aggaaattgg gtgctgtgtt aaattctgtt tcattggggg ctgtatacct 180
 tcaagatcaa aggtggataa ctccataagt ggcactagtg ctaacagtgt ggaaaaaaca 240
 tctgcatc 248

<210> 24556
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907644H1

<400> 24556

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 cactgaggct cctctcaacc cataggccaa cagagaaaag atgacccaaa tcatgtttga 120
 gaccttcaat gtgcctgcca tgtatgtggc catccaggct gttctctccc tgtatgccag 180
 tggtcgacaca actggtattg tgttggaactc tggtgatggg gtgagtcaca ctgtaccaat 240
 ctatgagggg 250

<210> 24557
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907645H1

<400> 24557

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 agaaatctca actgagaagt aaaatcaatt ctttactgag ggatgaggag gatgattggg 120
 ataagctact gaaacttact caagaggaag atttttctcg agaaaatcta caggaccagc 180
 tgccgcaaaa tcttctgacg attaagctac atgcatggct ctttcatata ataagaggag 240

cgg

243

<210> 24558
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907646H1

<400> 24558

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tgatgagaaa ggtatatgct ttctgacgga tcttcttggt gttggtgaga accaacaac 120
ttttgacctt gaaggagaca gtggaagtct catcatgtta aaagggtgaca atgggtgagaa 180
accgcgacca attgggataa tatggggagg aactgctaac agaggccgcc ttaagttaaa 240
agttgggca 249

<210> 24559
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700907648H1

<400> 24559

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taagagcaaa aagacaaaaa gaacagcacc aaaatccaat gacatctacc tcaaattact 120
tgtcaagctt tatgggttcc ttgttcgaag gactggcagc aatttcaatg ctgttatact 180
caagcgcttg ttcattgagca aggttaacaa gcctccaatt tctttgtcaa ggtaattaa 240
gtataca 247

<210> 24560
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700907649H1

<400> 24560

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ccaaaaccta ttgggtaagg ttaacttttc actgtcttta atttgattgt ctattcgttc 120
 agttcccaca aattaggcca ccagctctac atacagcaac tgttggtgtgt ctgggagagt 180
 ttatctgaaa cctgatggaa ttattaaagt cttagtttca ctatataatc tcaaataagg 240
 taagtgcattg agacagttta atg 263

<210> 24561
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907651H1

<400> 24561

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 acccaacaag cccttaactg tccaagacgt tcaggtggct ccgcctcagg ccggcgaggt 120
 ccgtgtccaa atcctcttca ccgctctctg ccacaccgat gcttacactt ggggaggcaa 180
 ggatcccgaa ggtctcttcc cctgtattct tggccatgaa gctgcaggga ttgtggagag 240
 tggtggagaa ggtgttact 259

<210> 24562
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907652H1

<400> 24562

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 ctttctctct ctcttctctt ggggttggtga gaaaagtgtc agggagtctt ataacagcat 180
 tgatgaactg caatttattc catcttcata gatattgttc aaccaaggag tggacattcg 240
 cacttagcaa aaa 253

<210> 24563
 <211> 107
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907654H1

<400> 24563

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actttggcag ttgtttggat atatgttaag ggcttcttcc ttttttt 107

<210> 24564
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700907655H1

<400> 24564

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agttgattac aatttgatgg ataacaataa ttggagacct aatcaaggca ctgaagccaa 120
tatggatact agtgattgga gaggtggact gccgcacgag tcacgccata gaattgtcaa 180
caaaataatg gacacgttaa aaagacatct tctgtttct gttcaagagg gattgcatga 240
acttcagaag att 253

<210> 24565
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700907657H1

<400> 24565

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aacttgaacc ttaatgacgt gtcacctgca gttgatgagt ctgacctgtc cctgaagaag 120
ttggatgaat atcaatctga gctccaagaa cttcagaagg acaagagtga gaggttgac 180
aaggttcttg aatttgatgag tactgtgcat gatctatgtg ctgtccttgg tatggacttc 240
ttca 244

<210> 24566
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700907658H1

<400> 24566

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 ggcaaacaca tgaaaactgc acaaagtgtt ttatcacttt tgatagcgac tattgcgctt 120
 ctttggattc tcaccgacct atgcagcctg ttatcaatta tcaagcttca gccagaacat 180
 ggccccctcc ccattcggtt ttctttgctt gaacctgttg gtttcatggt gtttgtttgg 240
 gctgttgc 248

<210> 24567

<211> 247

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907659H1

<400> 24567

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 gcatttggca ccgtgggtgg ttgtggtggg ggtggcatct ttgtcactat gctctccctt 120
 attattggat ttgatgcaaa atcagctact gcaatctcca agtgtatgat tacgggtgga 180
 gcagcagcga cagttttcta caatttgaag caaaaacatc caacacttga catgctcgtg 240
 atcgact 247

<210> 24568

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700907660H1

<400> 24568

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 cggccgatct acgagggctg catctccgcc tacgacaacg acgtcgagcg ccgcccctac 180
 cacaagaact gcggctgcgc tctgcacagc aagtcgagga ggaacagcag agcgtgcgcg 240

248

<400> . 24569

<400> 24570

<400> 24571

10153

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tcttgtaaac tttgctagta aggtccacat ttaaagtcaa ctctagtttc tgaggtgact 240
ttaattatga atggaaaaac a 261

<210> 24572
<211> 259
<212> DNA
<213> Glycine max
<223> Clone ID: 700907667H1
<400> 24572

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ttcatggcag ttcttggtgt tgttgccttg gtgctctgtt tttgctctgc tctcttgaag 120
tggaatgaat tgaggtatag gaggaaaggt ttgcctcaag gcacaatggg gtggcctgtt 180
tttggggaga caactgagtt tcttaagcaa ggtccaagct tcatgaagaa caagagggca 240
aggtatggca gttttttca 259

<210> 24573
<211> 252
<212> DNA
<213> Glycine max
<223> Clone ID: 700907668H1
<400> 24573

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tgtgatcact tcttgaacca ccctcatgga tattgatgag tgggagtctt tctctgatga 120
tggtacactt gatttcaatg aagaggggtg gaagcaaaag caaaagcaaa gttcctttgg 180
aaaattggac tcaaaggggtg tctttgacat ggactacttt tgctcatcac caccaccaag 240
ggtgagaact ca 252

<210> 24574
<211> 254
<212> DNA
<213> Glycine max
<223> Clone ID: 700907670H1

<400> 24574

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 aataaggaca tggcaaagat atcattagct ttggtatttg cattggtggt gactgtacca 120
 ttctattcag ttatgggtca ggatgatgca tggaaaagta taatagacca agcaaaagat 180
 gaagcaagca aagcaggtct ctctgaagat acaatattcg gggctgagaa ggctataaca 240
 gatggttctg ccga 254

<210> 24575

<211> 231

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907671H1

<400> 24575

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 acggtgacga tctcgactct ccctctgaaa atcctagctc cctccgcgc ctctcccg 180
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<210> 24576

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700907638H1

<400> 24576

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 gcatgtcata gattttttta tccttataaa atcgaagaca agtatggtaa ttacaacag 180
 tccacgcac ctgctcaatc aagacctcct ggtaaaggag atgtcataga ttaaagctac 240
 acacatgctc aacaaagtt 259

<210> 24577

<211> 264

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907604H1
 <400> 24577

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 tattatcttg ctagccttcc tgagccacta accacattag agctttataa tgagattaga 180
 agtgctcgat ccagtatctg ttccatgaga aacatactca agaggctttc cagtgttaacc 240
 tacatgactc tggagtttat aaca 264

<210> 24578
 <211> 109
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907607H1
 <400> 24578

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 agagtagtta ttagtttgca ttagatgtca tcgttcacaa caacatacg 109

<210> 24579
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907608H1
 <400> 24579

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 aaaacataaa gatagcatct gcaagtgcct caaatcctgg gatacctcca tcctctttaa 120
 tgtccttttt ggaaaagaat cctgcaatct ctgggtgttg cctagaagat tttgactctg 180
 tctttgtcaa caagttctac catagtcata ttgatgattt atcaaatgta aattcgtcag 240
 ctgtagttgc tgctgcttct c 261

<210> 24580
 <211> 243

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907609H1
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 cctcctccag cgctctcgcc ccacgtcttc cctccccacg cgctctcctt tgacttctta 180
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 act 243

<210> 24581
 <211> 84
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907610H1
 <400> 24581

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 agcaatctag gctttccttt ctcc 84

<210> 24582
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907611H1
 <400> 24582

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 gctgtgactg agcccaccac tttgggaggg tatgacatac caattgatgc aaatgttgag 120
 gtgtacacac cagccattgc tgaggacccc aaaaattggt taaaccctga gaagtttgac 180
 cctgagagat tcattctctgg ggggtaggaa gcagacataa ctgggggtcac aggggtgaag 240
 atgatgccat tt 252

<210> 24583
 <211> 255

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907614H1

<400> 24583

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 tgtctggaaa ggtaattatc tcggctgttt ctctcatcct ggtggttgga gtggccatag 180
 gtatagtggg gcccgtaac aagaaggcg agga-cccac acttcaatct caacaaaaat 240
 cagtaggggt tatct 255

<210> 24584
 <211> 215
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907615H1

<400> 24584

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 cttgtacgag agatggatga gtcaccactc ggattcgtga agctcttggtg acaagtacaa 180
 gcggtttaac gtgttcagag cgcgtgtgat gcatg 215

<210> 24585
 <211> 207
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907616H1

<400> 24585

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 gtgaagctct atgcggtcat tgttcgcagg actggcagca atttcaatgc tgttataatc 180
 aagcgcttgt tcatgagcaa cgttaac 207

<210> 24586
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907617H1

<400> 24586

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 aaaaaaagta tgaaaggaaa agtactaggt tccgcagttt ctctcatcga gatggtgggc 120
 gtggtaattg gcgtagatgc tgaagttcaa agccaatggg gggtgaaaag catcatgaat 180
 ggaggagaat tgaaaacctg caaaagggcc gtgcacacgt tgtgccaaagg ctcagacgac 240
 cagaaactgt g 251

<210> 24587
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907618H1

<400> 24587

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 ggcgtcacgg gacaacaaga aggcgtcgag cagccgagcc ggcagaattc gcaccctctc 120
 cgatctgaac cgtccctccg ccgattccga cagcgactcc gatggccctc aggagtacta 180
 caccgcaggg gaaaagagtg gaatgcttgt ccaggatcct tcaaagggaa atgatgtgga 240
 tgaaattttc aatcaagcta ggca 264

<210> 24588
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907619H1

<400> 24588

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 actaccacag tgaccagaag ttcaccatca ccacctactc accgactgga gtggctatta 180

cagcatcagg aaccaggaaa agtgaactgt ttctggctga tgtcaacacc cagttgaaga 240
 acaaaaacat cactactgat at 262

<210> 24589
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907622H1

<400> 24589

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 ttggttccaa tgaaacaatc ttcttctccg gggcacttgg ccttagcctt agacaatcca 180
 cgtagaacac ttcacgtgtc ttgtggctcc acatcaccac atgcttccca gagatcatca 240
 attcaggggg gtgaagc 257

<210> 24590
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907623H1

<400> 24590

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 atttgcgtaa tcgcttctca aatctcaaca aaagtattcc caaaaaacc taattattat 180
 tattaacat gaggccgatt ctgatgaaag gccacgagag gccactgacg ttcctcaagt 240
 acaacaggga cggcgatct 259

<210> 24591
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907624H1

<400> 24591

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 cttttgttcc atattgaaca ggggtgtctga tctagaatgg agatcactag aataggccaa 120
 tggttaagtc ttctgatatg tgtactacta ttactgcaga cagaaggggt tctgtggga 180
 atcacttttg ttgaaaatgc agtggcaaaa ggggctgttt gtttggatgg gagtcctcca 240
 gcttaccact tccacaca 258

<210> 24592
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907628H1
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 cccaagcctc tctcttcacc ctactcctct cgggtctcaa acccagcgac cgagccaccg 120
 cgccatggaa acaatcctcc accctctcct tctccacctc gaagccctc aagttctcgc 180
 gaacaatcag agcagcagcc accgaccaga ccacagaggc accggttggg ttcacccac 240
 cggaactgga ccc 253

<210> 24593
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907629H1
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 cttacggccc taggaactgg tccgttataa gcaaattccat tccgggtcgg tctgggaaat 120
 cgtgccgctt ccggtggtgc aaccagctgt ctccggaggt ggagcgccgg cctttcacgg 180
 cggaggaaga cgaggcgatc ctgaaggctc acgccaggtt cggaacaag tgggccacca 240
 tcgcgcgct 249

<210> 24594
 <211> 251

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907630H1

<400> 24594

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 gcattggtgc ttgtggcact ggttggtggt gaagtggggc ccatggctga ggctgcggtg 180
 acttgcaacc caacacagtt gactccttgt cttccggcaa ttaattcagg ttctgcacct 240
 tcgagtgtt g 251

<210> 24595
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907631H1

<400> 24595

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 aagcgcattt ccaaggggaa gaagggtggc aagaagaagg cagctgatcc ctttgccaag 120
 aaggattggt atgacattaa ggctccttct gtttttcaag tgaaaaatgt tggcaaaacc 180
 ctggtctctc gtactcaggg taccaagatt gcttttgaag gactcaagca tagagtgttt 240
 gaggtctcct t 251

<210> 24596
 <211> 209
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907632H1

<400> 24596

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 attccaacgt ctgcggatat tcgcaccaag gctttcaata ctgctttagt gattgtgac 120
 cctgcttgcc ttacatgctt ttccatgtca gtgttcgcat accatatatt gcagactgtc 180
 ttattgatac agtggactga ctactgaga 209

<210> 24597
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700907633H1

<400> 24597

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tcagcattca ctggtcaaac tgctctgaag cagctcaatg agttcgctcg caagaccggt 120
ggcgccggca aaggctgcac taacatgcgc cgcaccgtca agagtgtctc tcagagcatt 180
tggtatggcc ctgaccgtcc caagtacttg ggtccattct cggagcagat tccatcatac 240
ctgaccggag aattccctgg tgact 265

<210> 24598
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700907634H1

<400> 24598

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gagtcttgag gtgtctattg agaaggatgat tggatgat tcagcattaa gatttcgaga 120
atctgtacca gaaagtagag atggagaagt tgatgcaatg atcccaattt tggaacgaga 180
gtacatgcaa ggtgtgttaa taagttaggt tgtgttaa ataatgtttt catcaatgtc 240
tagaagggca cggcgacttc aaaaa 265

<210> 24599
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700907635H1

<400> 24599

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taatatcttt tgtaattcgc aaaacgtgat cgacgctggc gcaaattgaa attaggaatt 120

agggttaggg ttttcattat cttcgcccgg aaaagaaagg ggggaagaag aaagaaccgt 180
 tcctttatga tcgaaaaggt gcctttgggtc atcatcgcggt tgttaatctt ggtgggtgcaa 240
 tcctctgcag cgttccacgg tat 263

<210> 24600
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907636H1
 <400> 24600

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 ctgttgctga agcacttcag tcacacaggt ttctgtggcta tgctccact gcaggtcttc 180
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 gtgatgatgt ttacatcac 259

<210> 24601
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907637H1
 <400> 24601

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 gcatcttctt ttgccttaaa acacaaaact caaacacaag aacagatggt aagcagtga 180
 agaacgtcat ctggatctac aacaagcgat atgcaagtaa aaagggtatt gtcattctatg 240
 agtgctgtga atgg 254

<210> 24602
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907603H1

<400> 24602

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 ggctctctta actttggagg agaagaaaat cccttacaaa ctccacctca tcgatctcag 180
 taacaaaccc gaatgttttt tgggtgtgaa tcctgaaggg aaggtgccag tgggtctttt 240
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<210> 24603

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700907559H1

<400> 24603

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 accagtgtga gtgatcttga tacattacca tatcagctgg ttgtacatca tctagaatta 180
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 ctaa 244

<210> 24604

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700907560H1

<400> 24604

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 aagaacgatg caagaaagggt ggggttgtgg atattggaga gggtgtcttt acaacaatcc 180
 ttaattccat ttcaaccact ttcttctcta tggatttgtc tgattctaca tctgaaaagt 240
 ctcatgag 248

ggtcagtctc aattgttgaa tcgtcatgga acgcaagggg aaaaagcctg ttaagatgtc 240
cgtgcctcaa tttggaggg 259

<210> 24608
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700907565H1

<400> 24608

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accaacctac tgggaggttt tgcaatggca aattagctac tgattttact gctgacactt 120
acggttttta gacctatgct ccagcatatc ttagcccaca ggcatacaggg aaaaacctcc 180
ttattggagc aaactttgct tctgctgcat ctggttatga tgaaaatgct gctactttga 240
atcatgcat tccgttgtcc caacagttaa gtt 273

<210> 24609
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700907567H1

<400> 24609

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accctcctcc agcacctttg ttcgacccag aggagctcac acagtgggtcc ttctatagag 180
ccctcatcgc tgagttcata gcaacccttc tcttcttcta tgtcactgtg ctcaccatta 240
ttggctac 248

<210> 24610
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907569H1

<400> 24610

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gtcaccggag ctctaatacac caaactttcc cttggcctta ccgaggaaga tgctaagaat	180
tccaaaattcg ttaaggcgca caaaaggtga tttctgaatc gtgacatctg cctggccttg	240
cactttatg	249

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<213>      Glycine max

<223>      Clone ID: 700907574H1
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ggaggaagtg agctat ttttg atgaaagata acggatcctt cttggatgga ttgttaatat  180
gaccgtctaa gcaaaacatg cctgaacctg gcaatttcac gcattaagct gctgcaaaac  240
aagaga                                             246

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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700907577H1
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atgggcaacc gaggggtgttg accaaggaga ataggcatgg ccgttctgca caaagcatgt  180
cctccacgtc tttgcgcaag aagtctagcc gaactcttgt ctccaagctt ccatgtgcc  240
cactcag                                           247
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$\langle 210 \rangle$	24613
$\langle 211 \rangle$	247

gatacaagaa gca

253

<210> 24616
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700907582H1

<400> 24616

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accgtcgaac gaatcgacga tgaagacaac cttctgatcc gtcaagtggg gccggacgcg 120
gaggaccacc acctgctcaa cgcgagacac cacttctccg ccttcaagac aaagttcgcc 180
aagagctacg ccacgcagga ggagcacgac caccgcttcc gtatcttcaa gaacaacttg 240
ctccgcgcca 250

<210> 24617
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907583H1

<400> 24617

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acgcgctctc ccctttccag cagaagataa tgccgggtct ctggaaggac ttgcccacaa 120
agattcacca caaggtctcc gagaattgga tcagcgccac tctcttgctt ggtcccctcg 180
tcggaacctc cacgtatgtt cagaactacc tggaaaagga gaagctgtct cacaggtact 240
gaactcatg 249

<210> 24618
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700907586H1

<400> 24618

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<223> Clone ID: 700907590H1

<400> 24621

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 acaacttttg ggactcaaac tcagacactg gaggcatac agcttcattt gtgccaattc 180
 ctgcacctta tggcgacggc ttctttcaca agccttcttg aatggactgt gatggccg 238

<210> 24622

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700907592H1

<400> 24622

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 atcaatgagt atggttgctt cataattagc tgctccttct cagatgacaa taatgtgtat 180
 tactgtgttg gaactgcata tggactgcc aaggaaaatg aaccaaccag agtaagtga 240
 gaa 243

<210> 24623

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700907594H1

<400> 24623

gcaaagagag tgagaaaaga aggaagaaga agaagaagcg atggcaaag aactaccgt 60
 caaagctttt ggttgggctg cttcagacac ttctggcacc cttgcccctt ttcattttctc 120
 cagaagggaa aatggcgctg atgacgtcac tctcaagatt ctcttctgcg gggtttgcca 180
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 gcat 244

<210> 24624
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907595H1

<400> 24624

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 gaaataatga ggaacactct ttacaaggca taccttgaag acttctctag attttgctcag 180
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<210> 24625
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907601H1

<400> 24625

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 aactgaaaa gccaaaggaca gagagtgcaa tttcaactgt gggttctctt cccacccaa 120
 ctagtacacg ttttattgct tatgaagagc ttaaagaagc aacaaacaat tttgaagcag 180
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 ctctgtagc aattaagagg cttaccagtg gag 273

<210> 24626
 <211> 280
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907602H1

<400> 24626

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 tagaaatggt gggcatcatg gtgatactca agaactcata aatcggcttc tccctatcct 180
 tcaggtaact aaagggttgag gatgaagaac gggagatgat catggcctct ctttcctagt 240

tcctctacct aactcttctg attttatttt actttcaaat 280

<210> 24627
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907557H1

<400> 24627

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gacaactttt catagatgga gagtggaaag tccctcttct caacaatcgg tttccgatca 120
tcaaccccg c tactgagaca tcatagggca tattccagcc gctactaagg aagatgttga 180
ccttgcggtg gatcgtgcta aaagagcctt ttcccataac aaaggcaaag attggtcttc 240
agctcctgg 249

<210> 24628
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700907515H1

<400> 24628

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tagctatgcc aagaattcct cactacagaa gaagcaatct gataaagtga agcacataat 120
catacaaaca gttgaggagc tctaccttgc aaccactcca aagagcatag gcattgctga 180
tttgggctgc tcctctggac caaacaccct atcaatcatc aaagatatct ttcaggccat 240
ccaaggcata agcca 255

<210> 24629
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700907517H1

<400> 24629

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aagattataa caaaaaaagt atgaaaggaa aagtactagg ttccgcagtt tctctcatca 120
 taatggtggg tgtggttaatt ggcgtggttg ctgtagttca aagcccaaag ggcgtgaaca 180
 acaacaacaa tggaggagaa ttgaaaacca gcaacagggc cgtgacagcg ttgtgccaag 240
 gtcatacga ccagaaacgg tgccacgagg t 271

<210> 24630
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907518H1

<400> 24630

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 acgacaactt caagggcacc cgggtgggccc tctcctcgc cggttccaat ggttactgga 180
 attacagaca tcaggctgat atttgtcacg cctatcaaatt attgaggcaa ggtggtctga 240
 tagatgacaa tattatt 257

<210> 24631
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907520H1

<400> 24631

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 ctttggtgta cagatgtggg cacatgtgca catgttcaaa atgtgctaatt gatttgctcc 180
 aaagtagaag aaagtgtcca atgtgtcaag caccagtggg ggaagtgagt tgagcttatt 240
 ctatacaata gttttg 256

<210> 24632
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907521H1

<400> 24632

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 ggcgacatct tgggtgtgcac acgcagctct gttcccacgt gcgagtatgc taagggcgtg 180
 ttctcctcca acacaccccc accaacgttc cgtattttct gttcaagctc ttcgctcagc 240
 aagatccctg gaa 253

<210> 24633

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907522H1

<400> 24633

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 aattgttcct acatataatg agcgtctcaa cattggctctc attgtttacc tcattcttcaa 180
 gcaccttggg gatgctgatt ttgaaattat tattgtggat gatggcagtc ctgatgggtac 240
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<210> 24634

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700907523H1

<400> 24634

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 cacaacttaa gctttccagc aactcctctt tgcacaagcc actcatgcgc gacaagactg 180
 tgctggtaac cggcggagcc gttacatcgg caccacacacc gttcttcagc tcttgctcgg 240
 aggttgacga a 251

<210> 24635
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907524H1

<400> 24635

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 tacgccgagt tccgggcaga agaatggatc aggaggttgt tttcttagtg gaaggaaatt 120
 gaggggtgaaa aaggagagag cagcaattgg aggacgatcg atgggcacta cagtgtgcgc 180
 atttgctgag cctgacagac ctctatggtt cccaggcagc acccctctc catggcttga 240
 tggcactcta cctg 254

<210> 24636
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907527H1

<400> 24636

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 cattgatctg caggcaaagc actcgtgggc cactttacat tcccttcttc attctgaaag 180
 aattgcttac cgtcagaatg ggtatatctg gttaggtgat ctgcttattt ctgaaatcag 240
 tggggaaagc a 251

<210> 24637
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907530H1

<400> 24637

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tctggggtttt acagagtgag tcacataccc agagaagggtg aagatgggaa atgggcttgg 180
 attggtttgc tttgtgctga actatggttt ggtccttatt ggctcctcag acaccctttc 240
 agatggaacc ctgt 254

<210> 24638
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907531H1
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 gcggcggtgg tgaggtggaa actccaaggg ccactgggaa gagagggtat ctctgagact 120
 gttgatctga aacttaatct tcattccaag gaagatctga atgagaatct gaagaatgtc 180
 tcaaaggaga agaccctcct taaggatcct gccaaagccac cggctaaggc tcaagtgggt 240
 gttggccacc a 251

<210> 24639
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907532H1
 <400> 24639

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 caaagtcatg caataccatg agatcctctg aatccacagt acaatgagcg gaacacattc 120
 tatggaccct ttgaagagga ttttttagaa gattttgtaa gacaaaacct gattcctttg 180
 gctgtgcctg tatictatga aacactcaag ttgatgaaag cagatggaag gaaaatagtt 240
 ttgacaattg ttga 254

<210> 24640
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907533H1

<400> 24640

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ccaagacctg caatttttaa ttttaattca gattcccttt tcaattttta tccaaaaccc 120
taatttcctt tttctaccct ccagtgtcgc cgtttctcaa caattcttac cctaatacatc 180
agccatccac caataacgat tcaaaaaccc aaactttgtg tgaagtagtt cactcccat 240
cactcgttgt ttttttt 257

<210> 24641

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700907536H1

<400> 24641

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ctcttcttcc ttcttcttct ttcaaattca ggctcttcc ttcttcacct cctcgcgccg 120
ccgaaaacgc cgttcccgaa agcgacagc acccgtcgaa aaccgctct tcaaaactct 180
cgaactcggc gccttggttg gcttatggta cctcttcaac atctacttct acatctacaa 240
caaacagggtg ttg 253

<210> 24642

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907537H1

<400> 24642

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gaggaggaag agatgagggg tgagattgag gaacgactga ttaatgaaga gtacaagata 120
tggaagaaga acagtccttt cttgtatgat ctggtcatta cgcatgccct cgagtggcct 180
tccctcactg tggagtggct tcctgaccgc catgaaccac ctggcaaaga ctactccctc 240
cagaagggtca tc 252

<210> 24643
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 <212> DNA
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<223> Clone ID: 700907538H1

<400> 24643

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 ggattccagc gcacacttct cacacgatcc aagccatccc aagggagtgc agcggcagcc 180
 gagtctcggc gagagaccga acgcaaggtc gaataccttg cgtcgttttc ctccagaacc 240
 ttctggaaaa 250

<210> 24644
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 <212> DNA
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<223> Clone ID: 700907540H1

<400> 24644

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 gagtgtctcg ctctctcatt catgtcccaa ctgtacgacg gaggacaggt tgcgtaactg 180
 ccaccaaccc ttcgccgcac ggtgggcgtg gtgctttgcc ttctgaaggt ggtagccctt 240
 cagacttgct ct 252

<210> 24645
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 <212> DNA
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<223> Clone ID: 700907541H1

<400> 24645

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 actgaactta gtttggaag ctttggcggg tttgggatta gctcaagccc caaccatca 180

atgcctaaga caaatccttt tgggggttca ttaataatg taggaacaag tttatcaagc 240
tctacagtta cat 253

<210> 24646
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<212> DNA
<213> Glycine max

<223> Clone ID: 700907543H1

<400> 24646

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gggaagtgga gaaaagtgga attgacccaa aattcattcc aaagatatgg aagcatatcc 120
tcatctctgc caaagatgaa gattgggatt gggagaaaca agttccctcc ttgccctctt 180
cggcctactc tctccttctg tccaacttca aaaccctct ctcttctct attcactccg 240
ttttccact 249

<210> 24647
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907544H1

<400> 24647

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ctggctttgt caaagctgct gtcaatgcac tccaacatca gccgattgtc aatgcagtca 120
ttgatgggta tgatattata tacagagatt atatagatat cagcatagct gttggtactc 180
caaagggcct tgttgtaccg gttatccgca atgctgatac catgaacttt gctgatatag 240
aaaagcaga 249

<210> 24648
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700907546H1

<400> 24648

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 tgtcatgtca aggggtgtgct ggagctgtaa acagggtttt ggaaaaaatg gaaggtgttg 180
 agtcatttga cattgatctg aaggagcaga aggtgacagt gaaaggaaat gtgcagccgg 240
 acgaagttct 250

<210> 24649
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 <213> Glycine max
 <223> Clone ID: 700907547H1
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 actcctctcc accactccca ccccatacc tctccaatac gaactcatca tcaaccgtcc 180
 ttcttaccac gactctcccc gccaccacc tgctcgacct attgactccc ctgaaccgga 240
 actcaa 246

<210> 24650
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907548H1
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 caatgaccag ggtaacagaa ccacgccgtc ttacgtcgct ttcactgatt ccgagcggtt 180
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<210> 24651
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<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907550H1
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 ggagggctct gcagaggatt tcggagcccc cgagtcattg gaggtcgctg atttggacga 180
 gtccatgaac cgcttgaacc tcatgctctc ttccaacaac gattctaagt aacctcacca 240
 acgtgtcgcc gatg 254

<210> 24652
 <211> 69
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907552H1
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 agcaatggt 69

<210> 24653
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907514H1
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 ttatttatga ataagattta catattagta gtgaaaatca aacaatgttt acgtggaata 180
 tgaattcatt ccttattgga ccgacatttt ttttacaccc aatttagaga ataatatcct 240
 agcaaaatgg gggat 255

<210> 24654
 <211> 254

cgatatagaa tggtacaaa 259

<210> 24657
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700907479H1

<400> 24657

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taatgttttg agtgcaatac cacaagatat cagtagggat gagtggcttc aagctctgcc 120
tcgtgctcta gttgttggtt ttgtaaaaac tgacatagag tttcagaaaa aaggggaaac 180
ttcaggaaca acagctacat ttgttctggt tgatggatgg actgttactg ttgcatctgt 240
tggggattcc cgttgc 256

<210> 24658
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700907480H1

<400> 24658

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ccgttcccgat taccaaaaat accaaaaaac ttctggaaac caaagtccca gaaaccaaag 180
caccctcccc caccgccaaga ctaccgtgta caactaaagt ccgatcccc agcgccaac 240
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<210> 24659
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700907482H1

<400> 24659

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 gctgcaagaa aatctgcacc taccaccggt ggagtcaaga agcctcatcg ctatcgtcct 180
 ggaactgttg ctcttcgtga gatccgaaaa taccaaaaga gcacagagct tctgatccgc 240
 aagctcccct ttca 254

<210> 24660
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907483H1

<400> 24660

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 atgtacctgg atggga 256

<210> 24661
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907484H1

<400> 24661

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 gggatgcgca gataata 257

<210> 24662
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907485H1

<400> 24662

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 cgggtgggcgg agctactacc gccagctctc aacggcgggc atcgtggaac agatacacca 180
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 aaaggatcag cactc 255

<210> 24663

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700907486H1

<400> 24663

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 gtacaagcca ctgcatgtag cgggtgtcca caagctccct cgagaccctt atgatcttcg 180
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 tc 242

<210> 24664

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907487H1

<400> 24664

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 atgcatctgt gagttgactg tactgtgcaa ttttcttga aattggagat tagaatataa 180
 cctataaaaag gcttggctgc aagttatgcc atgtagtttt gtttcaggat catcttcaca 240
 ccctctggcc tcgt 254

<210> 24665
 <211> 254
 <212> DNA
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<223> Clone ID: 700907489H1

<400> 24665

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 cataaaacag aatgttcagc tgagaatgca gttgcaaaaa gaacatcttt ttcgtccccg 180
 aaaaatggta gccaccttgc aaatcacacc cccttttcag gaactccaca ccaagcaaat 240
 gtagcttctg ataa 254

<210> 24666
 <211> 154
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907490H1

<400> 24666

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 gttatccata ttgtggggcg catttgagca acaatgggtgc acacaacagc agagcctaag 120
 gagggagagt cgatcgggaa actaacggcg gaag 154

<210> 24667
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907491H1

<400> 24667

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 gagttcctaa atctcatggc caggaagatg aaggacactg attctgagga ggagctgaaa 180
 gaggcattcc gggttttcga caaggaccag aatgggttca tctctgctgc tgagctccgc 240

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248

<210> 24668
 <211> 163
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907493H1

<400> 24668

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 tcatgtttaca cagtataatc ttgtgagata tcatttcggg gattaagttt gtgaaggaga 120
 aaaagctgat aacagatggt ctattcttgt tctgatttgc ttg 163

<210> 24669
 <211> 124
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907494H1

<400> 24669

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 accagacgca atcgacgtcc gctgacactg ttcacgcaga cggtgctaata accgatccgt 120
 ttgc 124

<210> 24670
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907496H1

<400> 24670

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 gttaaataaaa aggatattaa attgattgtg gaatacaaga acaataattt ttatcctttg 180
 ggttgaaatt ttactaggat agagaagggtg aacgtgcaaa gcaagagtgg taaagccaaa 240
 gtcacgggaa cttttgtgtg c 261

<210> 24671
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907504H1

<400> 24671

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 tttgctgcct ggtttctgtt tcacaagcag aatacttgaa gtacaaagac ccaaaacggc 120
 cactgaatgt tagaatcaag gacttggtga agcgaatgac cctggaggag aagataggcc 180
 aaatggtgca gattgaacga agtgggtgcca cccctcaagt gatgaagaag tacttcattg 240
 ggagtgtgct gagtgggg 258

<210> 24672
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907505H1

<400> 24672

gtttttctct ctttactta tttattgact ctccataagc ctttcaaacc tctctctatt 60
 cctctctact agtcaccttc tcccttccat tcaactccact tcttaacacc cccaaacaga 120
 acaacggcag agcaagcagc cagaaaaatg gtgttgctgt ccaaagcaac aacagaacaa 180
 tactcctaca tcaagaacta catgccaaact gcattctcct caacaattcc catagtggac 240
 ctctccaaac ccgatgca 258

<210> 24673
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907506H1

<400> 24673

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 aaccattccc aatagccgcc tctgataatt gattactatc aaccaactt caagttgtgt 120

tcttttgtgg tgtgtaaccg tattctgtat ttgttttcat caattggaaa ctgggttttc 180
 tcgctttttg cagataagca tcaataggat actagatcat ggattggtac tatgggaacg 240
 gcattaatga ttat 254

<210> 24674
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907507H1
 <400> 24674

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 gcacttgctc tcatagttct tgatttcaaa gatgctacac catgtttaga gaaggtttcg 120
 tattcacttt tgatattctt ttgtggaatg ttattacag tggatggcct caataaaact 180
 ggaattccaa gtgctctgtg ggacataatg gagccttatt ctcatgttga tcgtgctagt 240
 ggaattgcaa tac 253

<210> 24675
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907509H1
 <400> 24675

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 gatgagagat caagtgaatt ggacattctg gacgatgatg cgtcaattat atatttcaaa 120
 ataaataatt ttcatgcgt tgctccctt gatgtagata aagagaagtt agttaaaca 180
 gagaagttga ggagatcctc tgaagcaacc tgtgtgattg tcccaccaa gaccttccgc 240
 atatcatcaa aacct 255

<210> 24676
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907510H1

<400> 24676

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 tccacaactc ttccaattca ttgcttccaa gactccctct cactacctcg cttgggacgt 120
 cggcactggg agcggccaag ctgccaaatc tttagctgca atatacaaga atgtgatagc 180
 cacagatgct agtgacaaac aacttgaatt tgcagccaag ctcccaaagtg tgagatacca 240
 acacaccctt tcaa 254

<210> 24677

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907512H1

<400> 24677

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 atctgggttg gggattgttt tatctacagc aattcttctt ggaggcttaa ctattgtgtt 120
 ggtggtgagg ttactacaat gtttcatttg gaccgtccta tgtacttggt gggatatctt 180
 gccagccaaa gtaaggtcta tttgatagac aaagaattca atgttggtggg atacacacta 240
 cttttaagtt tg 252

<210> 24678

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907513H1

<400> 24678

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 taagttttca ttttgggggt taagtttctg aaggaaaaat taatgataaa gtttgttcta 120
 tttttgttct gctttgcctc tgcactgacc ctttcagtat cggagtccaa atcagcttca 180
 gtgcaacctc atgctgctga atctttctct gttggatata ttcagatgaa gactgcagcg 240
 aactgttctt acct 254

<210> 24679
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907472H1

<400> 24679

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 ttggcttctc ctgctagagc taatttatca aatagcattt ttttttttct ggagtgagga 120
 tacaattttt ttagaaatat atcagtttat tgttttcttc tgcaatttta gggttattta 180
 aaccctaaa atcactatgc taaattcccg agtagtagct agagtcggag cttcgatcgt 240
 taaacacct 249

<210> 24680
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907432H1

<400> 24680

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 ggggtcactt ttcagatccg agattgagct cctttacca tcatcatcat ggagctcctc 120
 ggggtacctga atcaggggtca cccttctaga ggaacaacac ttgttattac tctttcattg 180
 gtgctttcga cacttggtgc cttctccact ttcacacatg ccttctctcc cttctgcgtt 240
 tccggaactg aatcctataa aacctag 267

<210> 24681
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907433H1

<400> 24681

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 gtgccggagc tccggttgcg cgatcatcgc ttcaagggtc ctctcgatca ctctctggga 180

ccccattctt ctcccaagat cactgttttc gctcgtgaag tcgttgacagg tggacctggg 240
 tttagtgcg ggcggcc 257

<210> 24682
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907434H1
 <400> 24682

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 aagaaggaaa gactgcatta gaagaaaagg actactccaa atttgcagct ctcatgaatc 120
 gaaattttga cctgcgaagg ttaatgtttg gagatgatgc cctcggtgat ttgaacctaa 180
 aaatggtaga ggttgccaga aaggttgag ctgcgtcaaa atttaccggt agcggaggag 240
 ctgttggtgc attttgtcc 259

<210> 24683
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907435H1
 <400> 24683

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 gcttctttcg ggccaaatgg aactgaaaat gaggattcgt tgcctcccc acctcccggt 120
 gtaccatcag atgttgatc tggttaaagct gagccggaga agaaaaaggc ttcaagggtt 180
 ccaatagcca ggcgtggcct tgcttcaaaa gggacgaagc tgcaacttct caccaatcag 240
 tacagagtga acgttgc 257

<210> 24684
 <211> 173
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907438H1
 <400> 24684

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 tgggatattg actgcaagct ttttgccttg acacttgatg attgttccat caatgatgac 120
 atcactgctt agaagtcaag tgagcgagtt ctctggacaa aagcgctgt ttt 173

<210> 24685
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907439H1

<400> 24685

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 atagtagaat cttattgtca ccaaagtgtt attggtctgg tgaaaatcag taaattttcg 120
 gtgcacagta cctattaaag tattaaggta tgattacgtg gtggagcagc agcgacagtt 180
 ttctacaatt tgaggctaaa acatccgacg cttgacgtgc cagagatcga ctacgacttg 240
 gcacttcttt tccaa 255

<210> 24686
 <211> 159
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907440H1

<400> 24686

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 tacttcttgt cctttttgct tctacaattt cctcttctct tgccaagggc tccttgcaac 120
 aaacccttct tccttcagaa ttcaatgact gtagtaatg 159

<210> 24687
 <211> 159
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907441H1

<400> 24687

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aaatatcctc tattgagaag aaggcgtagg ttgattgtta tagcatctga tttgtatgac 120

aataatggag ctccggagaa gaaaatgatt gagatgggtg 159

<210> 24688

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700907442H1

<400> 24688

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ttggttttatc aggacctcct tacagggtgat gagcttctct cggactcctt ccgttacaat 120

gaaattgaga atggaatgct gtgggaagtt gaggggaagt gggttgttaa gggagcagtt 180

gatgttgaca ttggtgcaaa cccttctgct gaggggtggag aagatgaggg agtcgatgac 240

gcagctgtta aggtt 255

<210> 24689

<211> 158

<212> DNA

<213> Glycine max

<223> Clone ID: 700907443H1

<400> 24689

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gggtgctgtt ttagtacaga catgaggacc acaatgaggt gtttctaaag agcatagtcc 120

ttgatggctt cccaaatggt cctctgcact ttacctgc 158

<210> 24690

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700907447H1

<400> 24690

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aagctgctcc acgaggcttc ggggcacgtg gtgacggtgg agctcaagag cggagaactc 120

tacagaggca gcatgatcga gtgcgaggac aactggaact gccaaactcga gagcatcacc 180
 tacactgccca aggcattggca aaacatcgca acttgagcat gtgtctattc gaggaagcac 240
 agtcaggttt atggatcatcc ca 262

<210> 24691
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907449H1
 <400> 24691

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 ggattctttg ccaatccatg tggattaaag atatataaca ttcttttcat tgacctaaat 120
 gtagctaagt gtctcttcaa ggattagcaa cgcaaaaatc attctaatta tagattgtga 180
 catgtactca aaccattcac aatcagtggag agatgccctt ctgttttttc atggatgaag 240
 agaaaggcca agaaatt 257

<210> 24692
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907450H1
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 gtgtagtagt cggattgaga gcatggacgc tcccctgctg ctggtgaacg gcgagggggc 120
 ggcgctgggtg gcggagaatg gtgactacgt ggcggtgagg gagctgaagg aggtgaagaa 180
 ggtgttttgg attgagacca agagagtgtg ggagattgcg atgcccacgc ttttcaacat 240
 atgggtgtcag ttcggtg 257

<210> 24693
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907451H1

<400> 24693

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 aggttatagt gcttggata aaacaagtga agatattcag tcaaggtgct ctgcagatgg 120
 tgatcctgcg cattttgatt atggaatttt tgggcaagtc ttgtcttctg gcatcatttc 180
 atctaagaag ttcattctcca aatactgtta ctgtttatgg tgggggctcc agaatttgag 240
 tacacttggc caggg 255

<210> 24694

<211> 101

<212> DNA

<213> Glycine max

<223> Clone ID: 700907452H1

<400> 24694

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<210> 24695

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907454H1

<400> 24695

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 ctcccactcc acgcaagag ttcgtgtaca tggcgaactg gcggagcagg ccgagcgcta 120
 cgaggagatg gtggagttca tggagaaggt ctccgctcc gccgagagcg aggagctgac 180
 cgtggaggag cgtaacctcc tctccgtcgc ctacaagaac gtgatcggcg ctgcccgcgc 240
 ctctggcgc atca 254

<210> 24696

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907458H1

<400> 24696

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 gagatgttct tcgagtgatg cagcaccagc ccgagctcat gttcgagaca ctcaagctcc 120
 gcgcgcagga gtatgtcagc cagcacaacg cagcagcgct totggctgct ggccttgatc 180
 gcacctttga cagaatgcct tatctgctgt ctctgtcttc ctttgtggct gacgatgttg 240
 ctctgctgt tcctgct 257

<210> 24697

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700907461H1

<400> 24697

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 tcaatggaag atatctctac tcaccttgga gactttcatc attgaacaat aaggcatcag 180
 aagcattttc cataaagtct tccttggagc aaaggcaaca acaagagagg agaaggggggt 240
 ttctaaaact gttgcttga a 261

<210> 24698

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700907463H1

<400> 24698

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 attcaaccag aatttcatta tcaagcaaac atcgaatcag atgattggta tgggcttcaa 180
 tatggtacaa atgagacaaa catgtcagac tttttgaatt cagttgtgaa ttgggatcaa 240
 gtatcctttg aggatctc 258

<210> 24699
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907464H1

<400> 24699

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 ctgttactgc gtatgcacga atttctcgtc aggtttacaa caaggttgag gactattata 120
 agttcaggaa tgcggttaat caacttgtgc aagatggggtt tacttgtgct cttctttcgg 180
 cttgaaattg gggtagccta tgctctgctc ttagttttta ttaactcctc aataacatat 240
 tcgtccattt tatatgtggg ata 263

<210> 24700
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907466H1

<400> 24700

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 cgccgtggcc gtgacctact gcaagcgcggtc gcgcgggtctc atcaagatca acggctgccc 180
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 gggtaagagc cgct 254

<210> 24701
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907467H1

<400> 24701

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 ttatgataaa cctgtttgaa atatcagcaa tttccctaga caatacagga agatatgata 180

gattttggtg caataattgg ctgttctgtc tgcagtggac atgtaatggg tgcaatgggt 240
 caacaattaa ttccttg 257

<210> 24702
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907468H1
 <400> 24702

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 tgtcataggt ctcttctgtc tacgacgatg ctacaaaatc attttgtttt ccaatatctg 120
 tttttttctt gcattattta ttttggtatc taggagtagt aagtaaacac agcacctcag 180
 gttttttatt ttggcagata tacatgtttt ttgttacaca aatattttgt atctttgctt 240
 gaaggataag cataat 256

<210> 24703
 <211> 158
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907469H1
 <400> 24703

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 atttatatga atgttgtcac agaggccttt cttttcctta tgatgttgct cttgttccta 120
 ccaaagcagc aacattaaaa ttaaaacatg gcattctt 158

<210> 24704
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907431H1
 <400> 24704

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 ccgggccatt gtttcctagg ttgagagatg attgtgacaa ctttcagaaa gatttggtgc 120

tcttgaagga aagaagagca atcttttgtg aaatgaacaa ccttggtagt ggtcagattg 180
 acaatgagga agtttctcaa ggggcagttg gtccaatgca attagagctg gatgacataa 240
 gatagagttg ttactggtgg a 261

<210> 24705
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907470H1
 <400> 24705

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 agcctctcca tcaaatgata aatcacttaa cagctgcttc ccactgctcg tacatcttgt 120
 atctctcctt tgtggggatt cactgtgagt agatgctact aacacatctt tacggagcat 180
 cattcatcat tgttctgcat tacctctcgt gttcaatatg gatcagtgct ttaactaaac 240
 atctgtgaag g 251

<210> 24706
 <211> 117
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700907471H1
 <400> 24706

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 agatatcata tcattctcac ctacgggttt tagctaacc tncagccatc ccagcgt 117

<210> 24707
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907388H1
 <400> 24707

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aggctgctgc aacttcaaca aattcagagc cgaataaaaag gccaacccca agtcccttgg 120
 ataattgtca acgtgaaaca cattcacatg agttggtgga tgggcaatca acgagtcaat 180
 catattttac agaccaacaa aggccacttg gaaaaactga aagtgccatt ggaattcctc 240
 agcatgagca gaatcccgcg ccag 264

<210> 24708
 <211> 261
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700907390H1

<400> 24708
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 tcattacctt ctgcactgtt gctaggttat gttaactgtt accttttatt catatattac 120
 ttcacactgc gcgttacttg atcaccaatc gtgcctatat tagaactccg gggtaattc 180
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 agggaggaat gacattggaa a 261

<210> 24709
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907391H1

<400> 24709
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 accctccag cgtcagtagt tctcaagct tctgctcctg ctctgctcc tgctcctgct 180
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 gcccactc ctgctcctat atcttca 267

<210> 24710
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907392H1

<400> 24710

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 attaaagcttt atgtccgccg tgtctttatc atggacaact gtgaggagtt gattcctgag 180
 tatttgggct ttgtcaaggg tattgtggat tccgaagatc taccactcaa catttcaagc 240
 gaaatgttgc aacagaacaa gatctt 266

<210> 24711

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700907393H1

<400> 24711

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 tccagaggct ttcagaggaa gaggagcgca agaagctgag aaaaacatgt gagaaaccag 120
 ggtgtttcag aatcatcaac cactcaattc cactaacact catggctgac atgaagtcag 180
 tggttaaata cttgcatgac cttcccacgg aaatcaaaat gcgcaacata acctccgtcc 240
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<210> 24712

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700907394H1

<400> 24712

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 cgacggcaag gactaccagg agccggcgcc ggcgccactg gttgaccga cggagtttac 180
 gtcatggtcc ttttacagag cagggatagc agagtgtgtg gccacttttc tgtttctata 240
 catcactgtc ttaaccgtca tggga 265

<210> 24713
 <211> 261
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 <213> Glycine max

<223> Clone ID: 700907402H1

<400> 24713

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 tgggctggaa gaaaccgatt ccaaataaat gacacaatag ttttcaagta caataagggt 180
 tcggattcgg tgttggaagt gaagaaggaa gattacgaca agtgcaacaa gaccaacca 240
 atcaaaaagt ttgaaaacgg t 261

<210> 24714
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907403H1

<400> 24714

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 aatcttctct atcgaccgag ccacctctca agcagcaaca accaaaaccc gaaaatcccc 120
 ctcaagaata cgaagaagaa gacgaaaacg acgtcgtcaa acaacagcag cagcaacagg 180
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<210> 24715
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907404H1

<400> 24715

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aataagataa attaatatat tttagagtct gaattgagat atgcttatta aggggttgcac 180
 caaaattttc tcttgtctac catttctgtg tctttctaga cgataacaga cagcaaattct 240
 atttcactat tt 252

<210> 24716
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907406H1
 <400> 24716

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 atactcagtg ctatggaaca tgtaccagat tgttttctat gtggatgact acccaataag 180
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<210> 24717
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907412H1
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 aaccacaaat tcctttcctg gggatgtgac cacagaaagg attgctcgct cttcaggaag 120
 catactggag tatggcgtca gcactttctg aagcagatgg aatcgattac actgatcctg 180
 aagagcttga gttgttggtc agaactctta tagatctgga tgccatggat ggtaaacaaa 240
 gtgtttcttt attggcagag 260

<210> 24718
 <211> 261
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 <213> Glycine max
 <223> Clone ID: 700907413H1

<400> 24718
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 ccttctctga ttccacttct ccggattagg gttttctttc tttcagtaga aaaagaaaag 180
 ggtggttttg gagaaatggt tgagcaatcg gtgctggcac tggaaaagca gcaaggggtca 240
 aatccagtgt tatcagaagg a 261

<210> 24719
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907414H1

<400> 24719
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 taagttttca ttttgggggt taagtttctg aaggaaaaaa aaatgataaa gtttgttcta 120
 tttttgttct gctttgcttc tgcactgacc ctttcagtat cggagtccaa atcagcttca 180
 gtgcaacctc atgctgctga atctttctct gttggatata ttcagatgaa gactgcagcg 240
 aactgttctt acctggtag 259

<210> 24720
 <211> 164
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907415H1

<400> 24720
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 gtacaatgct agaacgcacg ttcgctgacg cacatctcct tgaagggttca gattcctaca 120
 cgtctgcgta atagcatctc ctatcgcatc tagagtatgc ccat 164

<210> 24721
 <211> 261
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700907417H1

<400> 24721

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 tttatgcgaa ccccttacgg tttacaaca tgccacaggt taaaatgatg gtagtacttg 180
 gggaacttgg tgggcgtgat gagtattcct tagtggaggc tgnanaacac ggagaagtat 240
 ccaaaccggg tgttgcttgg g 261

<210> 24722
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 <213> Glycine max

<223> Clone ID: 700907418H1

<400> 24722

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 atttccttgc tgatgacaaa gctggaacag cagagaataa agcatccaaa gatgaaacgt 180
 catctaaaga ttctccagca gcacaaagag ctactacagc tacttctgga cctgcaactg 240
 gttttccagg caaccctttt g 261

<210> 24723
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907419H1

<400> 24723

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 atagtgtcca ctactcaggg tggtttggtt ggtgctgcc cggcatctt cgggtgctgcc 180
 accggtattg ttggtggagt tgcgatggg gctactgcc tcttcagtcg caacattgcc 240

atccagttga tcagtgccac

260

<210> 24724
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700907420H1

<400> 24724

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ttgcctaaat cttcagaaaa aacactatct ggaacaaatt cttcattctg tcgctggaca 120
ataatggatt atgccaaagc ttaccgctct ggggacataa caccaagctt ggttgcagaa 180
cgattttattg ctgctattga tgaatccaca aaacccccac tccaaatggg gttctttatt 240
cactatagtg ctgatgatat 260

<210> 24725
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700907421H1

<400> 24725

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tctagagtcc attttgtcgt cttcgaagtc accatcttcc aggaggcagt ttgcaaagca 120
tgaactgggc agttggtcga cactcttgaa gaggcaccgc ttctcttat ttgctcttgc 180
tctactaact gtctctgta ccatttatct atattttgca gttacatttg cagccaatga 240
ctctgctct g 251

<210> 24726
<211> 112
<212> DNA
<213> Glycine max

<223> Clone ID: 700907422H1

<400> 24726

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gtagacagag gctgcaattc gcgattatgg tatgagtggc agacatgcag aa 112

<210> 24727
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907423H1

<400> 24727

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 gatcaagaag gttttcgaga agaatagcac caagaaagct gctgctgctg aggccaccaa 180
 gtcctttgat gagtcaaagg aggaatacaa caaagcctta gtagaaaaga agactgaact 240
 tcaaaccaaa gttgttg 257

<210> 24728
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907426H1

<400> 24728

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 ctcttccggg aaacttaacc gggaagtgc tatgcggcca atggggtgcc ctcttctgc 180
 ctctttcaag gttgaagcca agaacggaga gtggttacct ggcttggcct cccaactta 240
 cctcaatggc actcttc 257

<210> 24729
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907427H1

<400> 24729

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aaggctgtta gtttgattat acaagttggt atcgataatt tgctgtgaag ggttgccaaa 120
 ggagtgggta tggtaagcgt cccactctc aatctgacca tgataatggg ccaaataaaa 180
 ggaggaatca tggatgatgat agagagcagt ttgtgattga ttcggaggat accgtgtatc 240
 gttatgtgtg cccgggt 257

<210> 24730
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907428H1
 <400> 24730

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 acaaggttat tgccaccatc ttggttcttt ctctccttgc ctactcaaca tcattcacca 120
 atgcatgtgg cacatgccac caaaaaccta ctcttctcc cctcctcca tcagggaagt 180
 gcccgaagga cacattgaag ctagggggtg gtgctgatgt tctaggactt gttaatgttg 240
 ttgttggttc cctgtctct ag 262

<210> 24731
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907387H1
 <400> 24731

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 tatttttttag attttcatat gctgtacctt ttttcatgga tcataatatg gtaatgttta 120
 ctttaggtaa aataatggtt ggatcatctt tattctgcat tgttatgttg ttttctatcc 180
 atttgaccct attgattcat tgcttacttt aggaagatct gcccgctctg ctctcgtgc 240
 agcacctcgt cctgctccag gtatgc 266

<210> 24732
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907352H1

<400> 24732

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acttgtttag gaggtcccta cctcttccat ggtccattaa gatcaaaatt gcactaggag 120
ctgcaaaggg tcttgctttt cttcacgagg aagctgaacg accagtaata tatagggtatt 180
tcaaaacttc caatatacta ttggatgcag aatacaatgc taagctctca gactttggac 240
ttgcaaaaga tgggtccagag ggtgata 267

<210> 24733

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700907353H1

<400> 24733

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ccacactttc tctctcactc acagcacggt ggtgacgacc atgggttagag acgatctatg 120
catcacggtt cccagcttct tccgtgccc tatctccctc gacgtcatga aatcccctgt 180
cagcctctgc accggcggtta cctacgaccg ttccagcatc caacgtggc tcgacaacgg 240
caacaacacc tgtcccgcga ccatgcaggt tc 272

<210> 24734

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700907355H1

<400> 24734

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ggcaacaaca aggagaacga agacagcacc atcacgctcg tcttgacggt cgaaatgcac 120
tgcgacggtt gcgcttccaa aatcatcaaa cacctccgct gtctccaagg tgtggaaacg 180
gtgaaggctg atagcgacgc cgggaagggt accgtgaccg gaacagtgga cccacgaaa 240
gtgagggata acctggcgga gaagataag 269

<210> 24735
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907356H1

<400> 24735

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 cggttgtgtt gttctctcct ctttattgga aaccaatagg agatagagtt agcattatta 120
 agctactgtg agacttattt ccaagggtca ttctgtgtgt tctctaccta atttattctg 180
 atctaacttt ggcctaggag gccaccatt gggtttgggt gggctttcac tgaaccaata 240
 aaaaacccat ctttaaaagg tgctttgt 268

<210> 24736
 <211> 147
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700907358H1

<400> 24736

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 gatcgtgaat tcccctcaca ggntgattct agggcagacg gtcggagact gctaccggcg 120
 atgtctgcac tctacgnan cggagca 147

<210> 24737
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907359H1

<400> 24737

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 atgggagtct tcacctttgt cgttcgcaaa tccggcgccg aatggagcgc caagcaacat 120
 tccggcgaca tcgaggctc cgccgactcc acctacgac tccaaaggaa gctcgtgcaa 180
 gccgtctcgc ccgttgattc ctccggtgga gtccagtcct ccttctctcc cgtgtctcct 240

268

<400> 24738

<400> 24739

<400> 24740

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 aaaaaaactg gtgctaagtt gaaaaaatca ttttgcccaa cccaaataaa ggaacttcct 120
 tctcgagccc gctccaatac agactctcat ggttttcttc aggtggatgc tttagggagg 180

gtttcattcc tggctattcg ccggcctcat gctctgcttg aagttgatcc gtcaaacagt 240
 ggtatctctg agcgaaatat ttctgagaa 269

<210> 24741
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907367H1

<400> 24741

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 tgacaaaact tacgagcagt tcctgagatg tgtaggtgg tgttctctaa ttagagtgtt 180
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 tttaattatg aatagaaaaa c 261

<210> 24742
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907368H1

<400> 24742

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 ccatgtcatg aaaattccca ccctcttcaa taaggcatat acatcatgaa gaggtgtgct 120
 attagcaatt tgcaaacatc ttaatttgtt gaagcttccc attcctagct agggtcagtc 180
 tcaattgttg aatcgtcatg gaacgcaagg ggaaaaagcc tgtaagatg tccgtgcctc 240
 aatttgagg gtgggaacac aagcccg 268

<210> 24743
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907371H1

<400> 24743

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 atacgaagaa atggttgagt gtatgaagaa agtagcaaaa cttgatcttg atctaactgt 120
 ggaagaaagg aacctcctct cagtgggata caaaaatgtg attggtgcac gaagggcctc 180
 ttggcgcatac atgtcctcaa ttgagcagaa ggaagagtct aagggaaatg agcacaatgt 240
 taaactgatac aagagttact gccaaaaa 268

<210> 24744
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907372H1
 <400> 24744

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 gagaagggca aaagatttga tctttcaaac gaggagtctc tgggggtgtca caggatgagg 180
 ctaaaccggtg aaatctcaag cggagaagaa gaagaagagg cgaaacatac gggaacgacg 240
 acgttttctgt cgcagaaagt ggtcattg 268

<210> 24745
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907373H1
 <400> 24745

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 atgtcctcca tctgcatttc ctccaatggg agagggttcag cctaataaaa tcaaccataa 180
 atcaactaat ccatttgatt atccttttga ttcagatgta gaacataata atacgtgtca 240
 attgcaattc cttgacgtca gctctct 267

<210> 24746
 <211> 268

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907374H1

<400> 24746

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 accttcaact tcaacaccac ttgaacaaat tcactgtcta gcgaatagtg atccaccttc 180
 atttcccgtt tccaataatc taaacctcac tctaatacgt tctcaggatt cccatttgca 240
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<210> 24747
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907375H1

<400> 24747

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 cgaactgatg gcgaacagtt cctcaagtat ccaccaccta aagtgatgca ggtcgacaag 180
 tctgcatgga tgactgatga agaatttgca agagaaacaa ttgctggttt gaatccaaat 240
 gtcatacaaga ttattgagga gttccca 267

<210> 24748
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907376H1

<400> 24748

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 tgacattgga agctaactca gagagaggca aagatgttgg gaattttcaa gcagaagttg 180
 gttaatgcac ccaaggagct gaacagtcca gcttctttga attcatgcat taagcctaag 240

ctaagtcatg aaatcctgaa ggatttc

267

<210> 24749

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700907377H1

<400> 24749

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ccccctttt tgaaataccc cccaaaaaaa aattattccc ctttttaaaa tttaatttg 120

ggggggggaa aaaaacgggc ccctttttt tccccaggga aaattggggg gtctaaaaaa 180

aaaaaaaaaa aaaaaaaaaa ggggcccccc ccatttgggc cccctcccc cggggttttt 240

tttcgggggg gtgtccgggg ggc 263

<210> 24750

<211> 265

<212> DNA

<213> Glycine max

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<223> Clone ID: 700907380H1

<400> 24750

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tcctcagtct aataatcaac acgttctaca gaatatagga gatgtntctt cgtgagctga 120

tcagaaatgc atctgaagct ttggataaga ttcgatttga gagtcttaga gagaagatca 180

agattgatgc tagcaggggg ttgttcattc acattattcc tgacaagacg aacaagacat 240

tgtctatcat tgacagtggg attgg 265

<210> 24751

<211> 263

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907381H1

<400> 24751

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annanganaa nttntctggn tanagnngnt aatgctcctt cacgggagga ttctgcgccg 180
acggagatgt cgccgtcgat cataaagcgn nngcgtcgcc ggagatctac ggcttcaactg 240
attcgaatcc cgcttactct cag 263

<210> 24752
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700907382H1

<400> 24752

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tgaatgctat cattgtgcct gaaggaaaca gggtcacac tgattaccgc tgtgataggg 180
tttgggtttg gatcaacaaa gatggaattg tcaaggaagt tccacacatt ggatagaaac 240
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<210> 24753
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<213> Glycine max

<223> Clone ID: 700907384H1

<400> 24753

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gtatctctca cagcatcaac atatgcagct gtcctgggtc ctgatgaagt tgagatgaag 180
gatgatggga aagaagatgt atatgggcag gatgaaggag aaacgtcaca tgctttattc 240
atgtctagac actttgtctt tccacca 268

<210> 24754
<211> 266

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907385H1

<400> 24754

gcttcacttc atgtgattca ggactcagtt accatggttg gtgaagcagc cgtcccagtt 60
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 tggacaattc ttggaattat agtagttcga tatattttcc tgccaatttt gggatttcta 180
 gttattaaag gagcaacaca gttgggtttg gtgcaaccag atcccttata tcagtttgtg 240
 cttctccttc aatatgcact tccacc 266

<210> 24755
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907386H1

<400> 24755

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 cgccgacaac cttccggcgc cggaggacac ggccagcctc ctcaaatacca ccaccatcgg 180
 aaaagtccgt ctctacggcg ccgatccgc catcatcaag gccctcgcca actccggcat 240
 cggaatcgtc atcgggcgct ccaacgg 267

<210> 24756
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907351H1

<400> 24756

gaagcttatg tggttggtta acgtggttct aaattgtagt tggatggggt aatttgttgt 60
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 ttggttctgt ttttagcttt attaaaatat caatgaagat tcaggaaatt tgtattctcg 180
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ataagtcatt tatatttaga caaa

264

<210> 24757

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700907320H1

<400> 24757

tgttttatga gtttgctctt gatcaatctg aaagggtccc aactctgaac agatcgatac 60

agatgcaaac taacctccat cgagtgtcag aatttgctgt aactgctaata caaacagtcg 120

atgacggcaa tgttgaagca agaacttctg ttaagagagt tcgtgaacat gacactgaga 180

cagagtcaga cgctgatgac attgttagta gcagtacaat ccctgtagct ctgacagacc 240

taaatagcca tgggattgat accacagatt tct 273

<210> 24758

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700907321H1

<400> 24758

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gatagggaga gcgagcgtga gaggaagatc ttcgatttag agttttcaat ttcgtattca 120

gcaagtcggc gagtgtgaga ttttttagaga gagagaggtg aggacgctga gtgctctgct 180

gagagattcc ataaccccaa gaggaagagg aggaggagaa ggtggataga ttttttttcc 240

tgtgtttttg tgctgtttat ttatcctcag agc 273

<210> 24759

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700907322H1

<400> 24759

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attctattat tatgtatggc ttcttcacct tcttcagaaa acaaaaacct agagggagta 120
 gctggtggtg ccggagagaa acccattcca ctggtgaga acgttctgca gaagcatgct 180
 gcattctttg acttgaataa agatggtgtc atctacccat gggagacttt taaaggggtg 240
 cgtgaaatcg ggactggggg tttgctgtcc 270

<210> 24760
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907323H1

<400> 24760

agaacacaaa atgtgactta caaggtcatg tttacgcttc acatcgacaa gggctcttctt 60
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 gtttcacttt gctatataga tttctaattt gcaatatatg actctgccat gttgctaggt 180
 gaagaagaca ttattttcaa gtgtgtttat gaatgtatat atttccaaaa gccctttttt 240
 tttgttaatg tttatggaat ttcagacttt t 271

<210> 24761
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907324H1

<400> 24761

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 tctctccttc tcgtccccga ctgcgccccc agactctcct cgcccgccac ttcaccgccc 120
 aatcaggtgc ttcttccttc aaaaagaggg ttgaagatgt cgtgccaatt gctaccggcc 180
 acgagcgtga ggagattcag gccgatctcg agggaaggga tattcttgaa ataaaccatc 240
 ccgtaggtcc ttttggcaca aaggaagcac ctgct 275

<210> 24762
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907326H1

<400> 24762

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 tccgttgccg ccaacccctc cctccaccgc gccctcctcc ccaactctcc ctccctccgc 180
 gccctctcca cagcgccac tacctcctcc ctcaacgacc ccaccctaa ctggtccaac 240
 cgtccccga aagacaccat cttgctcgac g 271

<210> 24763

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700907327H1

<400> 24763

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 ccggttcggt gttgaagggc ggaacggact ctaagatcgg gctgaagctg tacgacaagt 180
 acggctacta catctacatt aaaaacctcg aagcatgggg cggttgatg ggcaagggct 240
 acgactactt cgagcgcggc aacctcgaca 270

<210> 24764

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700907330H1

<400> 24764

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 ccgcccggaa actccttcag caaccgcga cctccgttct acggcgctccc tcaaccacca 180
 cccctcagc cggagacca cgtgttccat tccgctcacg tgacaccagg acacgtgtcc 240
 catgacttca acaactactc cgctcccccg 270

002220"03200

<210> 24765
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700907331H1

<400> 24765

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actggttagaa ctgttggaat tggagcttat cttgctaggc ttgggatgag atgcatacaa 120
aggcttgatc agcccataat tcttactggt ttttcagcat taaacaaact tcttggtcgg 180
gagggtttaca gctctcacat gcaacttggg ggacctaaaa tcatggcaac taatggagtc 240
gttcatctta cagtttccga tgatctt 267

<210> 24766
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700907332H1

<400> 24766

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ttttgctggc cattgaggat gttttcacca tcaccggtcg tggaactctc gccaccggaa 120
gggttgagag aggtactatt agggttggag agactgttga tattgttggg gtgaaggaga 180
ctaggaacac cactgtgact ggggtggaaa tgtttcagaa gattctggat gaggctttgg 240
ctggggacaa tgtgggcttg ttgcttaggg 270

<210> 24767
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700907334H1

<400> 24767

gtcccttgct ctgtgtcgtc gtaacacaaa aagcggaaca gagagataga agcacactac 60
gcaatgacag cttttgatct tcacaagaca tagcttcgtg tgtgcgtaga ttttcttcct 120

tccagcttgg aaagactgaa gtctctgtct cttccaggtc atagtggctt cctcgaagat 180
 gatggtagcc aatagctttg atatatatcg caaggacaga ttgtcctctg cggcggaaga 240
 ggt 243

<210> 24768
 <211> 273
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907335H1
 <400> 24768

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 atttattccg accatccaat ttgctactcc tacttgtcaa aacaacaaat gcgaacacag 120
 aaaatactag tagtatcaaa tttaagaacc cgagaccaag agtactagaa aaataaaaata 180
 aaacactaca tataaaaatta gagagaagga gagcgtgagt gtgtctgtgt ctgcgcttca 240
 gaaatgtggc ggtgcgtggc tcgtgctatt cgc 273

<210> 24769
 <211> 271
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907336H1
 <400> 24769

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 ggccctcaca accacactat tactggttta gctggttgc tgaagcaggc cacaactcct 120
 taatatagag catatcagga acaagttctc agcaacagtt tcaaatttgc acaggctcta 180
 agcgagaggg gctatgagct ggtttctggg ggaactgaga atcacctggg tttgggtgaat 240
 ctgaagaata aggggtattga tggctccaga g 271

<210> 24770
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations

<223> Clone ID: 700907338H1

<400> 24770

agaacatgtg tacttaaatt acttacaaaa attaatctcg acagctgtgt gtnatctatg 60
tgaataatgt gatgttttcc tcatatgtgg ttagaagttg ctacttaatt tctctgctaa 120
atatagtaaa ccttttttca gccttattct tgtgaaaatc acagggtacc agagttttgt 180
gtgtgttgag ttgataatga tgacattggg acataaaaatc attcttgtgc tactattatc 240
ttctctgtat gtcactgata gttcttgag 269

<210> 24771

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700907339H1

<400> 24771

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attctatgcc acaatcatga gtttggttca ctttggatac atagtgtgca ataattctaa 120
tggggtggtt tgttgaacac attaatcag gtgaccatca tgaaactcaa ggttgatctt 180
gagtgtgaga aatgctacaa gaaggttaag aaacttctcg gcaagtaccc tcaaattcgg 240
gaccagaagt tcgatgagaa ggaaaacat 269

<210> 24772

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700907340H1

<400> 24772

gagggagaca aaattgaaaa tcaagattgg ttgcgcagag agagatttg aagttgtttc 60
gtgtcgtgtg gcgtttctgg gaattaagtg cttttcttct gcaaccacag tctcatcat 120
caatcaatcg gcatcctcat gtctgacgct tattggagat acgccgccga atcccggcag 180
gccccctctt ccacgcccgg caagcgctct cgttccgact acgatgtttc tggcgttcac 240
gacttgcccc gttactttcc ccatgacgat ga 272

<210> 24773
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907341H1

<400> 24773

ctcgagccga atcggtcga gttgattttg gcacaaaact tacattactt cattgcttgg 60
 cgccttaact tcgtgttcat ctaatgcatt ttaattgtt ctacacaaat aaatgttttg 120
 gagttcattt ttggttgatt tgattgcttt gtgtagcaa ttcagggagg aactgttgat 180
 gtggattgac cctgcactgc tctcaatttg ctgccgaagg aaagggttgg gattggttgt 240
 ggcttgtcca agtacacagc gtgctgcacg gg 272

<210> 24774
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907342H1

<400> 24774

tccaaatggc cctttacatt acactaataa ttggcctcct agtaaacacc ctagtactct 60
 ataaatagca tttgcatgca ccttagtctt caccaaaata ctctcttgg catcttgtgt 120
 tgtgtccctc ttttaagcta tttccttctc ttaacacaat tggttgtgcc aattgccata 180
 gtcaccaacc aattaacaaa ggtatatata tcatcatatc atcaccaaat gacaaatatt 240
 gggttgtttt ttcttgtggt ggtggcta 268

<210> 24775
 <211> 168
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907343H1

<400> 24775

gtcctgaagc actggatctt attgatcgat tattgacaga agatcctaata caaagactag 60
 gatccaaagg ggcatcagag gtaaagcaac atgttttctt caaggatata aactgggaga 120

cacttgccag gcagaaagct gcatttgctc ctgcttctga gagtgctc

168

<210> 24776
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700907344H1

<400> 24776

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ttggcatttt ctggctcttg tgcttgcttc catttgatgt gtacatagag gagcaagctt 120
agctactttc ggcaaatgaa ctgagagacc caaagatagc gagtggtgta tgttttagaa 180
ctgagactga tagtatatat ctgtgtattg gatttgatcat cttggccttg tgagcgatct 240
tgtcaaatga tgtaggtgat ttattttg 268

<210> 24777
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700907346H1

<400> 24777

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ctcctatcta tctttgcttt actcaatctt gcagtgggtg caacccatgc agaaaccttg 120
ccccctgaag tttactggaa gtcgaagctt cccaccactc caatgccgaa agccattaca 180
gatatccttc acccagattt ggcagaagac aaaagcacct ctgtggccgt aggaaagggg 240
ggcgtaaacg ttaacgcagg gaaaacaaa 269

<210> 24778
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700907348H1

<400> 24778

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aggttttcggt tggaggaaga agaggaggaa ggtggtgacg ccgatactga cgccgacgcc 120
 gttatgacgg agatcaggag ggagatcatt gcgaggctga cggagctgac ggaggaggat 180
 ttctacgggc tcaggaccac gctcagccac attgcctcgc gccacgcgct. catcgaagag 240
 aaccagaatc atcgcgcgca gattggcga 269

<210> 24779
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907350H1

<400> 24779

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 tcctgaccat gaaacacgag ttggagcaca cagcatcttt tctttagtgc ttatgccatc 120
 tccattttct cccagtttag accaaaaaac aaaggggtat cagaaggtag caagcgaaag 180
 cttctccatt cagcatgaaa gcttttttagg agcagaacag atcaatggga aacctatgga 240
 aggacaggca gtagttggtg ttagtgggaa at 272

<210> 24780
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907318H1

<400> 24780

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 ttgccctaga aaatactata ctagagagac atcgattgcy tgaaacaaga tccgtgaaga 120
 ttgcatcaaa gagagagcat ggagcgtgat tgcagaggaa tcgcgtccca tgcacactga 180
 cgtccggacg tcaaaggcct gtgagtatcg ggattaccta ccagcttatc atcctcgtaa 240
 tgttgctgaa gcagattccc ccttggat 268

<210> 24781
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907252H1

<400> 24781

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acttcgtcta cgtcgccaag ctgcccgaac aagccgaacg ctatgaagaa atggtggaag 120
caatgaagaa tgtggcgaac taaacgtgga attgacggta gaggagcgga accttctgtc 180
ggttgggtac aagaacgtgg tgggtgcccg tcaggcttcg tggaggattc tttcctcgat 240
tgaacagaaa 250

<210> 24782

<211> 174

<212> DNA

<213> Glycine max

<223> Clone ID: 700907253H1

<400> 24782

cacttcacaa agtttttgtt gctttcaact aatgtgttgg gtgaatcgta ttttcacgcc 60
aaattttctt tcaataaatt agtatagtat ataaatcttt ttgtaactac atgtgtgggt 120
ctatgccact tcttgtgaca gccacgcttt ttaatataat gtcactttgc ttg 174

<210> 24783

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700907255H1

<400> 24783

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gattgcctag tggcacagag cttgaatttt caggcaaatt tgggtgttgt gtcaagaaaa 120
tgaaaccatt agttgttatt ccgaagccta gactatctaa accagaactc tatcaatgat 180
gttgtaatag tgaaatgcat gcttattaca acttatataa taagatttgt tacttgcttc 240
ggctgagtta 250

<210> 24784

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907257H1

<400> 24784

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gtacggcttt tgattgagga ctatccttat gcttctgatg ggctagagat atgggatgcc 120
atcaagtctt ggggtcatga atatgtctca ttctactaca agtcagatgc agcaattcaa 180
caagatcccg agctccaagc ttggtggaaa gaacttgctc aagtgggtca tggtgatttg 240
aaagataagc ca 252

<210> 24785

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700907258H1

<400> 24785

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agtcagttgc caagattctc tcctgaggag aagagtctca taaaaggcag catagacttc 180
attggcatca ataactatgg aactctctat gccaaaggact gctccctcac tgcttgctct 240
cttggaacag a 251

<210> 24786

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907259H1

<400> 24786

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tcttccaagg ttgcttactg gatcaatcct agctcatgag atgatgcatg catggctgcg 120
gcttaaagggt tatcggactc taagtcaaga tggtgaagaa ggtatctgtc aggttttggc 180
tcatatgtgg ttggaatctg aactttcttc tgcatcaggc agcaactttg tatcagcctc 240

atcctcatct gc

252

<210> 24787

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907261H1

<400> 24787

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atgatgaaca gtatgttttg gagtctcaag ctggagggttc tttcactgtc accagggata 180

aactggtga ggttcttggc aggggtacta agatcactct ctacctcaag gaagatcagc 240

ttgagtacct tg 252

<210> 24788

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907263H1

<400> 24788

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tcagaaacag attggggagc agtatcttgc caatgttgag aaggcattgg agagatggca 120

gaatgcaagg aacgcaaggt cagttaacaa tgaccagaat ttacaggaga caatggacaa 180

agagttggat actcataggc tggagcatgg tccaagaaa agaaagatcc ctgacgaaaa 240

caataatgac gacgatg 257

<210> 24789

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700907266H1

<400> 24789

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gcatatgaat gcccatggtc agactaccaa aagttccctc ttcaaattgtg aaactggggtt 120
 tgggtgggcaa tacagcaatg aggtggcatg tgccagtttg aaggttggcc tggaagcaaa 180
 caacgtagtc aagtggcaaa ctgttcctgc agcttgcgga gactacatag ctgactacgt 240
 tctaggagac caa 253

<210> 24790
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907267H1

<400> 24790

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 tctacttgac ttgggttttg cacaacaggg ggatcttgac atatcaagat ttggaggaaa 120
 accaaataca aatataggcc aggttttctt aagtgcctgg actcaagcat gtgcatcacc 180
 aactgctgtc aaaattgtga ttccagctgg cacataccaa atgggtgcag ctgatgtcaa 240
 aggtccttgc 250

<210> 24791
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907270H1

<400> 24791

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 agaatttgaa gttacaacct ccctattggc caactgaact ggtgattact tgtctgtgtt 120
 ttgtaaaaaa caatagtgtg ttggttcttct tctagtttaa aattccctaa gactaaattt 180
 aattgttaaa tgtatcaaaa aaaaaaaaaa aaaaaaaggg ggggccgcca ctagttgacc 240
 cagacgcc 248

<210> 24792
 <211> 250
 <212> DNA
 <213> Glycine max

<210> 24795
 <211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907276H1

 <400> 24795

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 tgatgtgctc cgtaattttg ccaagaccca gattgattac atccttggaa ataaccaag 120
 gaatatgagc tatgtttag gttttggtaa tcattacca aaacatgttc accatagagg 180
 agcatctata ccgaagaaca agatcaagta tagctgtaag ggtggatgga aatggaggga 240
 cacttctaag c 251

<210> 24796
 <211> 202
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907277H1

 <400> 24796

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 tccaacgcca tgctctttc tggaattttc cagataccct catttatgga cataatcact 120
 gacctcgcca tgttcattac tccgctatgg attgcgggta tcgtcggcgt cgctcgtggc 180
 tgggcttgga agcccaattg gg 202

<210> 24797
 <211> 254
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907278H1

 <400> 24797

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 gcgatgcagg taaagcactg gaagaactca gagcttctct ctacaatgag atccgaacat 120
 cagaaggagc caagcgcaa cagcaaagat attgtggacc agtgggtgga ctgtccttca 180

0953113.03200

atTTtatggT ttctgttggg attatcatgg caaacaatt ggtgatgggT aaagttggct 240
tcaactttcc aatt 254

<210> 24798
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700907283H1

<400> 24798

gttgaaaggt aaccaggTgc tgctttattc ttgactgctc gagaaggTtt ctCaggagtt 60
catcttcaat attctccagt ttactttacc aaatccaggg aatgctgaaa gatgtggttg 120
aaagtaaaga gttccctctc tcaggTtaat gaggttgtag ctccatctga ggtagcctta 180
ttaatccttg atgagattgg atgtttagat cactgccaac atcaattata tgctcatttg 240
cctgaggTgg c 251

<210> 24799
<211> 78
<212> DNA
<213> Glycine max

<223> Clone ID: 700907290H1

<400> 24799

actgaccga gTcccatgc ctttgTtaga ggtaacaaat gcgcaactat ctttccggta 60
ttcactgaca atcccaat 78

<210> 24800
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700907294H1

<400> 24800

gaagaaacca tatcatgggt tcagaaaatt gtatagataa gacgcacttt gtggcggtgc 60
atggggcatg ccatggagca tggTgacggT ataagctcaa gccacgcttg gaatctgctg 120
gccacaaggt cacagtgctt gaccttgCag cttctggagc caacatgaag aaaattgaag 180

atgttgacac tttttcacag tatactgagc ctttgttgtt tctattggac acaattccct 240
 caaatgaaaa ggta 254

<210> 24801
 <211> 108
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907295H1

<400> 24801

gcagtaaccc acgttgtggc tgagatgatg tcgaattgag acaagcatta atttcagcgc 60
 tgaattgaat attgagctga gcagagtatc ggcatagcgt agccatgg 108

<210> 24802
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907309H1

<400> 24802

gccaatggcc atttcaatcc ccagtttctt cttcaacgtc ctcttacgag cagatcgcaa 60
 tgctccttcc cagtgtcaaa ccctaattcc ctcattecca tggcctcaga agagctcact 120
 gtcgcgggcg aaccgctcc cgaacctgcc accgcccagc ctcccccgga agagaaggag 180
 gagcccaaac ctgaagccaa tgctaagaaa accaaggagc ccaaacctga aaaggtttcc 240
 agaccacgc 249

<210> 24803
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907310H1

<400> 24803

ccaagttcaa ggggctgatg tgagcaaagt gagtaacaac agtgtagat ctcaatcaca 60
 acaccggagc cattctatct ctagctctga tcatcatcac ttagcaaacc ctgcacttgg 120
 atctgtccgt tcgcttgag acaccatttt attgattgtt gccctttgtg cacattctgt 180

gtttgagggc ttagcaattg gagttgctga gaccaaagca aatgcatgga aagccttatg 240
gacaatctgt ctgcacaaga tatttgagc cat 273

<210> 24804
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700907312H1

<400> 24804

gtaatagtcg atggttcttc agattttggt ttgaagccca aaattagttt tagtgatatg 60
gggactgcat catctatggt aactcaatac gacatcgagg aagttcagga acactgcaat 120
aatgtatttt cccagcagga aattgtgtcc ttgtatcaaa ggttttgtca acttgaccgc 180
aatgccaagg gatttatttc cgcagatgag ttcttgtctg ttcccgaatt tgccatgaat 240
ccactttctc agaggctgct aaagatgg 268

<210> 24805
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700907251H1

<400> 24805

ctcaagcgtc aattctccat cgccaatcct ctctttctgc tgatttcgga ctcgtcactt 60
acttgatgaaa tgatgctctc agcggcaata attacttttg gacgctggac ataaggcgtg 120
atgggcggtt gctgtgttg ttgttgttct gctaaggaga ctgtgttgag cgctccacct 180
gcgtactatt atcagtatcc aagagcatca gaagagcatg ttctctatc atctcaccag 240
ggtgctgctt ct 252

<210> 24806
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700907313H1

<400> 24806

atgcgttctt gctctcaaca acaatcacac accgccatcg aagccttcgt tcttttcttc 60
 ttcgttctcc tttttgctct cgttcgaggg ttctttcgtg gggaacactg cagatttcac 120
 caccggggtc ttattcatcc gtgcccattg ccgaagttct cggctttccc ggagttgacg 180
 atttttgccc tatgggatca atatacgcca accccaagga agcaagtttc ttcttgctcc 240
 ttggccctca agttgatgta tactttcctc 270

<210> 24807
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907316H1

<400> 24807

gctctgaatt cggtctctcg cagaatacat tcctggtaat ggtgtggtct tcttattcta 60
 caaatggtaa atcattctaa catttcaacc aatctgtact caagttcaag tgcttccatc 120
 tgccgtagc tgcatatcta gttgatcaga gcaatgatga acatcgtgcc ttttgctcctt 180
 agttttcaaa cgagagaagg agactgacct cttgtgttct ttctgcact gggtagaata 240
 caactgggac tattgcattc tcttcctc 268

<210> 24808
 <211> 207
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907202H1

<400> 24808

ggagatcatg gcaacgggag gaattgcaag ttttaaaaac tatgatattg ggaaactacc 60
 ctgaattgag aatttttgtc tttagaaacc cgcttggttat ttgtttttat atatcagtct 120
 ttgtgatgtc atcggctatt tggataataa tcatctttcc tttgttgtgt catccgtatt 180
 atttgatag tactcatttt acctttg 207

<210> 24809
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907203H1

<400> 24809

agcaatctca atggttagtg aaggccta at ttggtttcat gaatggaagg aatcatcacc 60
 tggacagcta caaacaatt tgatcatgtc tagggagatc ttatagtaac tttctcaacg 120
 cttggaccaa aatgtttcat gtgtaatgat gtgatgctgt atgctgactg ctgtttctct 180
 tctaggtact cttgtctttc tgtattgtgt gtgggggtac ttttttgc at gatagcaaaa 240
 aaaaaaagg tgtc 254

<210> 24810

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907204H1

<400> 24810

caagattgat atatattttc ccctgtaaaa taaacagtat aatatgcttc gtcttacaaa 60
 gaaggttcaa gtaatcgata ttcaaagtga aaagaatagt tgatgaatat cttcaagtct 120
 ttggtgctgt gttattaaat gatactcagt gataaccaca attagaaaat tggaagtcag 180
 ctgcagtaag gtgacctttc tattcatttt atagaaaaga aaagaacaga gtgggggagag 240
 aagtgatgat atat 254

<210> 24811

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907206H1

<400> 24811

caaaacagcg ttgaggggac aatcaagcag acaatcgaga aggccttttg ggatgggtatc 60
 atggaaactg tggaggggga ccagcccaac tatgactgga ttgttcaact tatgggggag 120
 gttagggatg aaatttgtga gatggctcca aaaagctgga aggaggatat ttttgctgcc 180
 atcgatttag aaattctttc acaggtgctg aaatcagttt gcagaagctc tcagctccag 240
 cgaatga 247

<210> 24812
 <211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907208H1

 <400> 24812

 gccagcgagt gagtgagcga gccaggtagg gttttcggtg ttccctcttt tgtgttcggt 60
 cgcgacgatg ggggtccatcc ccgatccagg cgagttgagc gagttgactc agccgagctt 120
 cgacgagttc cagcgccaaa cctctctcat gaccagctgc accctctctt ggaaggagct 180
 ctccgaccac ttctctctcc tcgagcaaga cctcaaccac aaatccgaag ccctcaagcg 240
 caagattcac a 251

<210> 24813
 <211> 254
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907209H1

 <400> 24813

 attttgtgaa tgtgtttttt tcttctcttt atattgcac aaggtcccat ttacgcctta 60
 ctgcttatat gtttcagttc ttctgttatt catgatactg aactctcacc agatgtcccc 120
 aaactttctg ctctggctgg tgcttggtgt tttcttgatg gcaacaatgt tgaggatgta 180
 tgcaacatgt caacagcttc aagcacaggc ccaagctcat gcagctgcag ccagtggcat 240
 tcttgccac acag 254

<210> 24814
 <211> 254
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <223> Clone ID: 700907210H1

 <400> 24814

 tttcttattc cttctggaat ccttcccttt agtttcatgc gcaaggggaa gaagcaattc 60
 atttgactct tactttatta tttgatttgc cggcaccctc ttcttcacgg gttttcttct 120

cactctactt catgttcacg cttttctgtt ccaccacat gtgcatgcc tntgtttatc 180
 caagattgag tctttaccct atttgcttat tttccaggag ctgaaaaaaa atgggagaaa 240
 gtgctttgtt ctct 254

<210> 24815
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907211H1
 <400> 24815

gaaagattcc caaacacgt ttgctatgct gacaaccttc aatgaagttg atatgactaa 60
 tttgatgaag ctcttttctg attataagga tgcttttgtt tcaaagcatg gagtcaaatt 120
 ggggcttatg tctggctttg tgaaagctgc tgtaaatgca ctccaacatc agccgattgt 180
 caatgcagtc attgatggtg atgatattat atacagagat tatatagata tcagcatagc 240
 tgttggtact t 251

<210> 24816
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907212H1
 <400> 24816

gaaccctaatt ttacattgca attgggttgg tagggagtgt agggcagatt gcgtagaatc 60
 ggaagatgga agaggaagag cacgaggtgt acggaggaga gatccctgac gagggagaga 120
 tggaaggaga cattgacatg tccgccgccg acgatgacgc cgccgtcaag gagctcgacg 180
 agatgaagcg ccgattgaag gaaatggaag aggaagccgc agcgcttcgc gagatgcaag 240
 ccaaggtcga taagga 256

<210> 24817
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907213H1

<400> 24817

ctcattttctt ctcattcttct ttttcttccc tttaaataa ttattccgtg caaacacaaac 60
 aacaacttca tcaccaacac gaagaacaag attagcggtta tgggtctctt cctttctagg 120
 aatttggtt gcaaattcat ataccctttt cttttttcca ataaggtttc aaaggatttg 180
 ttccccaagc agttggagaa catgatgtct ctggtctctc ctgtactgg caggcatttg 240
 cagcgctatg acaaagg 257

<210> 24818

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700907217H1

<400> 24818

aatcgattac actgatcctg aagagcttga gttgttggtc agaactctta tagatctgga 60
 tgcaatggat ggtcaacaaa gtgtttcttt gttggcagag tgttctagtt ccctgatgt 120
 cagcactaga cgggcttttag cgaatgcatt ggcagcagca ccatccatgt ggactcttgg 180
 aaatgcaggg atgggggcat tacagagact ggcagcagat agcaaccag ccattgctgc 240
 cgcagcatcc aaagct 256

<210> 24819

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700907218H1

<400> 24819

cttgatcctt ctttttctcc ttgaactcaa acatggcaga tgaggtggtt ctgctagatt 60
 tctggccaag tccatttggg atgaggggtca ggattgcact tgctgaaaag ggtaccaa 120
 atgagtacaa agaagaggac ttgaggaaca agagtcctct tctcctcaa atgaaccgg 180
 ttcacaagaa gattccggtt ctcattccaca atggcaaacc catttgtaaa tccctcattg 240
 ctgttcagta cattg 255

<210> 24820
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907220H1

<400> 24820

attctctttc agtttttggc attgaagaat ctgagatcgg aaaattcacc tctccaaccc 60
 ccaatcccat cggtgcaaat gatccgattc attctgttgc agaacaggca gggcaagacc 120
 cgtcttgcca aatactacgt tcctctcgag gattccgaga agcacaaggt ggaatacgag 180
 gttcaccgcc tcgtcgtaaa cagagaccct aaatacacia atttcgtcga gtttcgtacg 240
 cacaagataa tat 253

<210> 24821
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907221H1

<400> 24821

atccaacaac attcgatctt tatgatgatt catcaactac atcatgtcca tattacttca 60
 aatggatcca tgaagatcta aaaccatgga agagtaaagg aatcacaaga gacatggttg 120
 aaagaggcaa aaacgtttcc catttttaggc ttgtaattgt aaatggaaaa gcttatgttg 180
 aaaagtatga caaagtgtat cagacaagag atgtgttcac aatatgggga attttacaac 240
 ttctaagggtt atac 254

<210> 24822
 <211> 109
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907222H1

<400> 24822

agatgatcct tgctctctta aagattcaat actgggtgtg cgtgaagata atccacttag 60
 aacacaatcc atattcccaa gtcaaacatc agctgcaccc tgtaagggc 109

<210> 24823
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907223H1

 <400> 24823

 ctcgctctct gatctgtttt gtttcaggag ccacccgctc ctgcagtttt cttttgcggt 60
 tgtgagtgga aggccattct cgcaacgttt gagttcagca gatccagaat ttttcagaaa 120
 acaggtttag gagaatgaag aatacggaac gaattgccaa tttggcttta gcaggtttaa 180
 ccttagcgcc tcttgttgtg aaagtagatc cgaatttaaa tgttattttg actgcttccc 240
 tcactgtgtt tgtgg 255

<210> 24824
 <211> 107
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907224H1

 <400> 24824

 acttctcctt gggtgcacca tgtcttgcta tgtgtaggat cttgtgtacc ttcttaagct 60
 ttgagcaatt cccttgact tttatttcac tccatgatca tcagcca 107

<210> 24825
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907226H1

 <400> 24825

 cttctgagct ttgattagtg tggcctagtt gttgttttct cgatgagaaa ggcttcttcc 60
 actatgcatt ccgatcttct gcgattttgg gttcccttgt tgctgcttgc tagcttcagc 120
 tatgctcctt ctgtttcggc cacaactgaa atttcacgga atgaagtga cacagatggg 180
 aaggtgataa atgaagagtt agcacaacca agtctaaaag gacatgatga agaagcaaag 240
 ttcaaaggat ttt 253

0954113-03200

<210> 24826
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907228H1

 <400> 24826

 ctcggtatt gcaacacccat ctgcccagat tcgattccat gctgccgac gactaaatac 60
 agcatgaact tagctcttta ttcagtgtta ttttgtgttc acgcagtctt tgcagcaagt 120
 tctaattgggc atggacacaa atcacaagac tggttaaacc atggtggaga tatgttcaac 180
 agaagatatg cttacaaaga gcataagatc agcccaaaaa cagcaccgaa cctacgtttg 240
 aagtggaaat tcaat 255

<210> 24827
 <211> 257
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907229H1

 <400> 24827

 gaaagaaaga aactgcaact tcctctgttt tgctcccttg tttaggcctt ttcataagct 60
 tagaatgaca cacaagtcatt tttccattgc tctagtgaact ctcatgtctg ttctctttgt 120
 caacatgaac atccaagggtg ccaactgctga ctatggtagt tggcagagtg ctcatgccac 180
 tttttatggc ggggggtgatg cttctggcac aatgggtgga gcatgtgggt atggaaattt 240
 gtatagccag ggctatg 257

<210> 24828
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907231H1

 <400> 24828

 caagcgacgc cgtttgggtc ctcttccacc tcgccttctt ctcccaatgc cttccctccg 60
 cctgggcccc ctcggcgac ctctctcccg gtcaactcgc ccgtgactca ccgcagagct 120
 gccccgcccc tgacccccaa ctctaactaca agccagtcac cggaatcgtc agccatcccc 180

gcgacggcgc ctccggccgc ctacgaacg ccaccggcgc ctctacatc gccgcctct 240
atgtcaaatt cgttgaggcc gc 262

<210> 24829
<211> 105
<212> DNA
<213> Glycine max

<223> Clone ID: 700907238H1

<400> 24829

ctcgagccgc aaaagtcaag cgaagagtga cttatgtatc aatagtagtc tagctttctc 60
agaatttgaa gttacaacct ccctattggc caactgaact ggtga 105

<210> 24830
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700907239H1

<400> 24830

caaagcttct gaagtggctg atagtaaac ttgccttaat ggtgactcca actccatag 60
ccccagtcac aatgagccta atacaccaca tgcaattcct actgaaatca atagtggatt 120
agacaatgag aataggata atgaaaagca ggctgttggt gcacatgcag ataatggaca 180
ttcgatctca aagaacttgt acttttttga ccctgatgat tcatataatg gtaatgagtc 240
aggaacagaa g 251

<210> 24831
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700907242H1

<400> 24831

gtagaagcca ggctgagcca ttttctgatt cagccaaagt ccaagaactg agtgtgtatg 60
agatcaatga gagagatcgt ggaagccctg cttatcttag attgcgccag aaaactgtca 120
attcccttgg tgatctagtc cccttcagca acaagttgta ttctggcatg tttgcaaaag 180

SECRET

<400> 24835.

<400> 24836

<400> 24837

10249

<210> 24841
 <211> 117
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907147H1

<400> 24841

cttaatagaa gtactactaa gtcttgcttc cggattgcgt tggctctgtc atgatctgga 60
 aatacctcta cgagagcatg agtaattttt gcttaactaa taagttgtat aatattg 117

<210> 24842
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907149H1

<400> 24842

cgagttataa aaacggtgaa acgattcaag atatttcaac aggacaacct gggacgccgt 60
 ttgattacgg tgccggacac gtcgatcccg tggccgtctt tgatcctggt ctgctctacg 120
 atgccaacgt ggacgattac ttagggtttt tctgcgcact aaactactcg tcatttcaaa 180
 tcaagcttgc tgcgaggagg gactatacgt gtgaccgcaa gaaggattac agagtggagg 240
 attttaat 248

<210> 24843
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907150H1

<400> 24843

gttaaacggc accgcgttcc gtccctcttc tctctctgtg tggttaacag aaagaacaac 60
 gctgagatcc aatcacaatc attcattttc attcataccg ttcgcaacac gatcactatt 120
 tctgcgacga tgggtggcaca ttcgagttct tggggcaggg cactcgtggc catctcgccc 180
 tataccttct ctgccatcgg catcgccgctc gctatcggcg tctccgttct cggcgccgcc 240
 tgggggat 248

<210> 24844
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907159H1

<400> 24844

tgccaagtat ctatcagttt tactgagtat tatcacctct cagccataga acctaccaag 60
 acatataatt taatataagc ttccatctcc tatttttatt accactacca taaagttccc 120
 atctacttaa tttcatgaag gccgcaccta agtgctgata caaaattcaa tttgggggta 180
 ttgcttgat tggtgataat ttatgtcatc atctattgct gttgttatgg tatgtatacc 240

<210> 24845
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907160H1

<400> 24845

tgggattagc agaagttgta gcagggaag tgtagcata atccactag accatttcct 60
 tttcttatga atatcattcc aaccagtgc aacaattcgg ttcaagacca cctcaagca 120
 ccatccaaac ctgttatttg tgatctacca ttggctagga aagcttcact tcatcggttc 180
 ttggagaaaa gaaaggatag aattgctgcc agagcaccat atcaaacaag caatcacatg 240
 g 241

<210> 24846
 <211> 75
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907161H1

<400> 24846

gcagagaaaa agcatatggt ctcccgtcac agatccaaga agtggtttca accgggaatc 60
 cagaactttc cacag 75

<210> 24847
 <211> 242
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907168H1

 <400> 24847

 gtatggattg cacacttatt tttaaagtaa gtagatttgg tgctggctac tttataggct 60
 gtgatcaaca tcctaggtgc aagtacattg ctaaacatt atacggtaca gaggaggaag 120
 aggatgcatc tcagccaaac agtagagtag aggaaccaa actcctaggt gttactagt 180
 gttcatatga gaaggttctt ttgaaaagtg ggccttatgg agtttatgtt cagctcggag 240
 aa 242

<210> 24848
 <211> 243
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907169H1

 <400> 24848

 tgaaaagcat gctgacacga gaaatttgtt agacacacgg ttaaaatcta tcctagagag 60
 tgttcggttg aattatcttc tagaaaggga ggaagcaac tgggatgcga atttaaatg 120
 ggaagacatt ctttctcttg gagaacagca aagattggtg atggtatgta aatatattct 180
 cttgaaattt tagacatttt tttttaaatt tcttaaatat ttttgtttca tgcagcatgc 240
 ccc 243

<210> 24849
 <211> 245
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907170H1

 <400> 24849

 aatagcccca ttttctgaaa tgctggaagg agcactgaaa acacatcacc agcttgtgat 60
 gctaatagaa aatgttgact ttgctgatgc ccagttcaag aaattcctct gtgatggatt 120
 cgaaacagga aactttggaa atttactga agagaactca agccaagtaa tattcatatt 180

gacaaatggt ggaagtggat ccactaacat tgagcagcag aatgaggact cggttatgag 240
gttgt 245

<210> 24850
<211> 74
<212> DNA
<213> Glycine max

<223> Clone ID: 700907171H1

<400> 24850

cttcggaatt cccggtgcat attacattaa gaacttcacg caagttgagt tctatctcaa 60
gtctctaact ctcg 74

<210> 24851
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700907174H1

<400> 24851

caggaagttg tctgagtcag accccaatt gcagttccaa taccacagag gccttctcct 60
cacaggcaaa atctccgtaa acctaatttg gtacggtaag ttcaaactt ctcaaaaagc 120
cattgttgct gatttcacg cctctctctc ctcttccaaa cccctcaccg cccaaccatc 180
cgttgccacg tgggtgaaag ccaccgacaa atactacaaa aactcgttcc ccaaacttgc 240

<210> 24852
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700907175H1

<400> 24852

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tttggttttg gagaggagaa accaagaatt aagaatggg ttgctccgta agagtttgtt 180
gtgtcttatt tttggtgttg ttggtggcat gtgttagagg ggaggaccct tatagatt 238

ttgtaaccat gcggtcagtg acaaggcgcg tagctggaac tggaagtgtc aaaccc 236

<210> 24856
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<212> DNA
<213> Glycine max

<223> Clone ID: 700907183H1

<400> 24856

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ggctctgaagg tcctccagca gctgtgacag ttcattgtaac aggttttaag aaattccatg 180
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agggttt 247

<210> 24857
<211> 248
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<213> Glycine max

<223> Clone ID: 700907184H1

<400> 24857

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ccgccgctac acgtgccatc cgccaccgcc tcaaaactgc tgacctcgtc atcgaagtgc 180
gcgacgctcg cattccccctc tcctccgcca acgcccacct cccgccacac ctctccgcta 240
aacgacgc 248

<210> 24858
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700907185H1

<400> 24858

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 ccctagccag tacaacctca ctcactttct ctctttgtct ctctttctct cagattccta 180
 cattgtctgc gcactggcac caatcaacca taagatgtgc accgtcgctg aaatcggcct 240
 caacga 246

<210> 24859
 <211> 106
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907187H1
 <400> 24859

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 catggcctct tgcgacgacg acgacgactt ctctctcttc cgcgat 106

<210> 24860
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907134H1
 <400> 24860

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 gatgatgaag tggtttgagg tgccgggggt caacatcatt cacgcgataa acgcgtggga 180
 ggaggacgag ggaagaacgg tgggtgctggt ggcgcgaat attctttcga tggagcacgc 240
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<210> 24861
 <211> 117
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907191H1
 <400> 24861

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ttacctcgta gtagtaaaaa gagtacaaca atgtgacgta.tttttattta taaaaga 117

<210> 24862
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700907193H1

<400> 24862

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ataactggct tgtggcagcc aagcgttcat agcgacgttg ctttttgatc cttcgatgtc 120
ggctcttctc atcattgtga agcagaattc accaagtgtt ggattgttca cccaccaata 180
gggaacgtga gctgggttta gaccgtcgtg agacaggta gttttaccct actgatg 237

<210> 24863
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700907194H1

<400> 24863

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actctccctt tttccgatcc ttctcagcc agaagggagg ctctccgat aagaggaaaa 120
cggatgaaca gaagccaaaa gagcagaaac ccaaagccag cgagaacaaa cctataatga 180
cagagtgaca acaaatttgc tgcattcagt tgtagaatga taataggtgg taga 234

<210> 24864
<211> 233
<212> DNA
<213> Glycine max

<223> Clone ID: 700907196H1

<400> 24864

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caaaagggtt tcatcattac ttcttttctg tttctctctt tttctctgat caagttatga 180

tggtgttttt gttgtcaggg tgtaactacc tttttcttcc ttcatcatta gcc 233

<210> 24865
 <211> 161
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907083H1

<400> 24865

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atgagtagga acgattccaa gtacttctcc acacaacata c 161

<210> 24866
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907084H1

<400> 24866

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acgtgaccag acgttaaadc agttgctgac agaaatggat ggatttgaat ccgagatgag 180

agtgggtgtca ttgcagcaac taaccggcca gaagccttgg atccagctct atgtcgccct 240

ggtcgtttct caagaaaa 258

<210> 24867
 <211> 260
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907085H1

<400> 24867

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tgactctaaa gaactatatg agtttgacaa ggaagagtat gcaaagaaag ggagctacag 180
aattgacaca ctccaacatt aataantctt gacaaggcat gtgtgaaaac agattcgaac 240
actagtccat ggacgctatg 260

<210> 24868
<211> 78
<212> DNA
<213> Glycine max
<223> Clone ID: 700907086H1
<400> 24868

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tgatccactt ctgagaaa 78

<210> 24869
<211> 189
<212> DNA
<213> Glycine max
<223> Clone ID: 700907087H1
<400> 24869

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ttgggtcctt aagctgttcc ttctctgttt ctgctttgga gcatcttgga gcaaatgagc 120
aatggagctt gtggagcacg gctcacctca aggattgctc tcttgacaaa ctgtataact 180
ccaccaaca 189

<210> 24870
<211> 214
<212> DNA
<213> Glycine max
<223> Clone ID: 700907088H1
<400> 24870

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aagaacttgg gtcagagtcc acgttgccat agatacactc ctgagctcaa cggggaaaga 120
ttgctcgtgg gtgccaactt agtctctgct ggcttggaat cctcatgaca tggagtccat 180

ttgaaacaca tagaatccaa gacaactgga tatt

214

<210> 24871.
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700907089H1

<400> 24871

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cgctgcattg tttggtgatg gagaagataa ccacaatgat tctgaagccg ccaattgaaa 180
aattggctca acaaaagtcc attgtctaaa aattggtggt ttggtggggg gtttaagtgg 240
ataactccta atagtaaga 259

<210> 24872
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700907090H1

<400> 24872

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ggccattacc atctggtctt ttggaaaatg agtggggaac tttgttaaga agacccttta 120
taagagttcc agaaaatgga accattgagc tctcaaactc aattccaaat ctctactcag 180
aacactgatg agaatgcttt tgaaacccca gctgattaac aataatggag cttttttatc 240
tgccatgcaa caagaat 257

<210> 24873
<211> 196
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700907091H1

<400> 24873

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tttggcagtg aaggtggtat ggcgaaggac gttgaggttg ctgagcgtgg ctccttctct 120
 gggaaggact accaggaccc tccacacgac atactatata atgctnatga gctcaciaag 180
 tggtccttta cagggc 196

<210> 24874
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907092H1
 <400> 24874

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 ccacctacac catcttcacc gtcattttcc tctccttgc aatattattc actctcacac 120
 cccacaaggc caacggtgcc acgtgtcacc ctgaggaaga agcgggcctg ttgggcttca 180
 aatcggtatc cgatccgacc cgtccggcct gctcagtaac tggatatcgg gtacggactg 240
 ctgcacatgg accgg 255

<210> 24875
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907093H1
 <400> 24875

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 ggcaaaccac ctgagcgtt tttagcatca tcacctgcct cttctcaatc agtgctgaag 120
 ttgaaaaaag atgcatgac aaggcattct gagggcacgg acttcagaga ttggtgtgag 180
 aatgagtgcg ttaggcttat tgggacaaaa gatacaagtt tccttgaatt ttgcttgaag 240
 caatctagat cagaagct 258

<210> 24876
 <211> 111
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907094H1

<400> 24876

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caattttgtg gagcatcggc aatgtccata gcgtacgagt atgttccct c 111

<210> 24877

<211> 259

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907096H1

<400> 24877

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tccctgaatg gcacatcaag ctttctactg atagaccatc cttaaaaagt tgtaattttg 180

atgatgctat attccaatca tcgaccttgg tggactatct ggtgctgacc ancatgtctc 240

agcctcaatt cgtagcaa 259

<210> 24878

<211> 109

<212> DNA

<213> Glycine max

<223> Clone ID: 700907102H1

<400> 24878

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gatgtatcaa tttttaaatc aatggctcat ttttttcttt cttttttct 109

<210> 24879

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700907105H1

<400> 24879

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ttcagactgt gaaactgcga atggctcatt aaatcagtta tagtttggtt gatggtatct 120
 actactcgga taaccgtagt aattctagag ctaatcgtg ccacaaaccc cgacttctgg 180
 aagggatgca tttattagat aaaagggtcaa cacaggctct gctgatgct ttgatgattc 240
 atgata 246

<210> 24880
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907109H1

<400> 24880

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 ggaaggatat ctaggagtat cccaacctct gctgttaact tggtgccatt taacttgcaa 180
 aaagctcaac cttcatttgc tcaatatgat gctacgttta atcagttagg tcagatgtca 240
 caaact 246

<210> 24881
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907112H1

<400> 24881

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 ttctcattca ttcataatgc actaatcata acaacaccgt tcagctcaac aacaaaacct 120
 aaaataaatc ataacaccgt tcgttcatca atggcggttc cgctgcattc ctagattgct 180
 ctctttttca ccaattttca ttcgttgctg gtgtttgttc gctgagtgcg ttagttatta 240
 ca 242

<210> 24882
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907113H1

<400> 24882

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 accctttgag gaacctctga ttgtttcagt ggaaaatcga gttgggtccca acaaagacga 180
 gaccattgga gctgttatta ttctgtaga ccaaactgac aagcgagatg atgatagact 240
 tatccacac 249

<210> 24883

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700907116H1

<400> 24883

attaacttta gtagagatct tttgtagacc tgtagtttac tagtgataaa gtgaaagatg 60
 ggttcgaaga tagtcatagt ttctatgctg gccatgcacc ttttgatctc ctcgagagtg 120
 ttagagttag ctactgcggg tgggtgggggc aaccttggtg ttggtggtgg attatcaggt 180
 gctgggtcgtg gtgggtccc cctgtggtcgt ggaggcttcc ctggtggtgc gtattttc 238

<210> 24884

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907117H1

<400> 24884

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 ggggcattga agatgagaac atatctgagt ggtatgcctg agtgtaaact tggattaaat 180
 gatagagtat tattagaggc acaaggtaga acaaccaagg gaaaatcaat tgacttggaa 240
 gacatca 247

<210> 24885

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cct 243

<210> 24888
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700907082H1

<400> 24888

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gcatatgaat gccatggctc agactaccag aagttccctc tccaaatgaa aactggggtt 120
gggtgggcaat acagcaatga ggtggcatgt gccagttgga ggcttggcgt ggaagcaaac 180
aacgtgtcaa gtggcaaact gttcctgcag cttgcggaga gtacatagct gactacgttc 240
taggagacca atatagatc 259

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<223> Clone ID: 700907126H1

<400> 24889

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aaaccttctc aaaggataag ttgtttggat gctcttcgac acccattcct ttgtgggcca 120
agatggcgag tagtcccatc aatggatatt atccgatggg gtctgggttc tactgcaatg 180
cgtattaggg agaagtacat ctatcgtcag cctcagcaaa gcaggcttgc ccacttcatt 240
g 241

<210> 24890
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<212> DNA
<213> Glycine max

<223> Clone ID: 700907129H1

<400> 24890

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 acccaaaagc tgaaacgcac tgacagcaga caaacgggcyg tgttctctgt ggaaagggtc 180
 atcacatact cgggtggttg tatgcagcga ctcccttcat tgaagataac taaggtaatc 240
 a 241

<210> 24891
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 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700907130H1

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 gcatcattag aagtgtgaca caaacatggg ccatgctccc aactgaataa tcatgatggc 180
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 <223> Clone ID: 700907131H1

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 ttgttacat taatgcaata gtgtgtgaaa gtagagtggc gagaaaggac cttggattgg 180
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<210> 24893
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907133H1

<400> 24893

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<210> 24894

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700907045H1

<400> 24894

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ccctatctct gaaccagcaa acatgtctgc agccatggat atgtcgctcg acgacataat 120
caagaacaac aaaaagtctg gatccggaag ttcacgtggc cggacccgac cctccggatc 180
cggacctact gccggctccc caaccgtgcc gccaaaccgc cgcacctta tgcccccgct 240
aaggcgccgg aggcaacg 258

<210> 24895

<211> 202

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907046H1

<400> 24895

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atatttctta tatatcctat ggtccgagag tgcccttggt ctgcgccaac cctttcttcc 120
acataacata cgaatttaac ntntctctctt gagtncctt atcantcatt actcttcttc 180
ttcaacctca ccaaattcaa cc 202

<210> 24896

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700907047H1

<400> 24896

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 ccgcacctgc cgcagacagg gctcatttca aaccctagaa actctatctg gcctcgctcc 180
 tccaaacgtc gcgtgaagtc ctgcgggtgc ttggggcggt gcggtggcgg tcccaatctg 240
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<210> 24897

<211> 84

<212> DNA

<213> Glycine max

<223> Clone ID: 700907049H1

<400> 24897

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<210> 24898

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700907050H1

<400> 24898

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 ggatgctcag gagaactcgg acgtgaagac gctggtgaag tacaagcagc ggaagaagta 180
 ctgcgacaag gatgggaatg taagggctgg tcaatttact gttgtaacct caccattacc 240
 gattatttcc agacctacca 260

<210> 24899

<211> 263

<212> DNA

<213> Glycine max

<223> } unsure at all n locations
<223> } Clone ID: 700907051H1

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attcaccagc acagcgcctc tcanacatca atcaatcaat gaaatcgtgt ttaatgcctt 180
tgcttctcct ctttctgtgt gtatgtaaaa tctttgtttt tatcagaggt ggtgcagaat 240
gttgtgtctc agatccctat ata 263

<210> 24900

<211> 79

<212> DNA

<213> Glycine max

<223> Clone ID: 700907052H1

<400> 24900

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<210> 24901

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700907053H1

<400> 24901

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ggaattgggg tgggtgctgg ggttggacta ggccttggtg gtgggggtgg tgctggttct 180
ggtgcagggc aggctctggc tctggctctg gctcttcgct atattcaagt tctggctcct 240
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<210> 24902

<211> 264

<212> DNA

<213> Glycine max

<223> . Clone ID: 700907054H1

<400> 24902

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 aaaactgaat tgtgtgaatc gaaaacaaaa cattgctatt gtaaaagttg caaatgctta 180
 taagcaccca atattattgg agaatttata gctggacaat taaagaatag agtttcgttt 240
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<210> 24903

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700907055H1

<400> 24903

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 cctgcagact atttgaacca atctatgac aaacagatgg tggatgatggg tatgtttctg 120
 ttgaagtatc tcctaggctc gctgatgaca ctgagggaac cattgaagct gcaaaatggc 180
 ttcataaagg gttgatcgcc ccaatgtgta tattaagatt cctgctacag aggcatgtgt 240
 gccttcaatt aagggaagta ttgc 264

<210> 24904

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907056H1

<400> 24904

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 actgatattg gcgcatttct ttgagaaagt tactaattcc tagatagagg caaaaatggt 120
 gggaattttc aaggagaagt tgggttaaagc acccaaagag ctgaacagtc cagcttcggt 180
 gaattcatga ctaagcctaa gctaagtcac gaaatccttc aggatttcat gtcctgcaat 240
 tctccaatg ctttctc 257

0953113-03200

<210> 24905
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700907057H1

<400> 24905

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cgtatattta agttgttgca gttaaaaagc tcgtagttgg accttggggtt gggtcgatcg 120
gtccgcctcc ggtgtgcacc ggtcggctcg tcccttctgc cggcgatgcg ctctgtcct 180
taactggccg gtcgtgcctc cggtgctgtt actttgaaga aattagagtg ctcaaagcaa 240
gcctacgctc tgtatacatt ag 262

<210> 24906
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700907058H1

<400> 24906

gatccgagga gttacccttt cttttctttt ttcttttttc tctttcctca ttctacttaa 60
aactcccacc agtgatggca ggtttggtc cagaggggaac acaattcgat ggtcgccaat 120
atgatgctaa gatgagtga ttgctttcca ctgatgggca agaactcttc acctcttatg 180
atgaagtgat gacagctttg atgcaatggg attgcaagag aatcttctgc gaggcataata 240
tgcttatggg tttgagaggc c 261

<210> 24907
<211> 79
<212> DNA
<213> Glycine max

<223> Clone ID: 700907059H1

<400> 24907

cacagcaaaa ccctaatttc caactccgat ttcgttttctc ctccgaaaac accctaattt 60
ccccttcgct cttccacac 79

002220"EFFE560

<210> 24908
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700907060H1

<400> 24908

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atcatcatca tatctgtctc tagcaatatt tcgttatctg cttgtctgca actctccgtg 120
ttggatttcg ttttataatt gtgcactatt atttcaataa cccgcagata tttctgattc 180
tcaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
aaaaaaaaag agggaaaaa 258

<210> 24909
<211> 83
<212> DNA
<213> Glycine max

<223> Clone ID: 700907061H1

<400> 24909

gaaaaaggcg tgtagtagga tgaagttata gtttttcctc ctccagagca aagcatggcc 60
ctcagcatcc tttaccggag tct 83

<210> 24910
<211> 177
<212> DNA
<213> Glycine max

<223> Clone ID: 700907063H1

<400> 24910

gttggtcatc tgtggatggc atattgcatt ccaaactcac catcactcca gggttggaag 60
acagggtccat gttgtttatt cggctggaac ataggcaaga atagagttaa tggcaaact 120
cagattaagt accatgatat tgatcttaca ttcccaactt ctctggtcga caaaaca 177

<210> 24911
<211> 240

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907066H1

<400> 24911

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 tgttggtttt cttagtgtga gagaaccctg aatagtatta ttgaaatatt acgaattcag 120
 tttgatcctg gaagggaaat ctgcctaaa aaaaaaaaaa aaaaaaaaaa aaaagggggg 180
 gcccccaaat gtgacccttt accccgggggt atatattccg gaggggtact ttgggggggaa 240

<210> 24912
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907067H1

<400> 24912

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 ggcccaccag ttgatgtttc agctgttcgt tctatgtatg aacacctggc taaaagtga 120
 cccacaatct tggatgattc tctttctgct gattcatatc tcaacatctt atacatgcca 180
 tcaacattcc ccgttcagag aggtctagac gatcacaagt gtctgcaaata aataattctg 240
 tgtatagtcg agattttgaa 260

<210> 24913
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907068H1

<400> 24913

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 gtcttaagga tcctattgtc actctctttg gaagtttgca cgagaatact ctccctgaga 120
 gtggagggtc acgcagtatg ctacttcata atgccaacag tatctttagc cttggagaga 180
 cgtcgagccc tttggtacca gtgacaacct gcatgcgcca ctaatgtcat ttcaaggggg 240
 tgctgggggag aaggataggg 260

<210> 24914
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907069H1

<400> 24914

tgcttttctt ggacattcaa ctccattgc acagctttat tgttgcgag actccacctt 60
 tcttggcatt ggagtcccag cagttgctgc cagtgggtgct cgttgtagca aattcattag 120
 tctcggtatc tcaacattcc aagctgctcg atgcaattgg catataaaac caaggtttca 180
 tcttcatgct ccacgttttc aactggaaa agattgaatc ttttctactt ctctgcaaaa 240
 aactacatct tggtaataa ct 262

<210> 24915
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907070H1

<400> 24915

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 tgcacaaaaa cggcgctgcc ttgccaaca tgcctgtcaa cgccggcgac gtcaagttcc 120
 gagcctccgt aacggaagcc actttcatta acggccccag cctcaccggc ttggccctcg 180
 ctgtcgaaaa cccggttcct tcatcgtcga ctacaacgtt cccaaaaagg actttcggtt 240
 tcactttatg aacacgggta gg 262

<210> 24916
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907071H1

<400> 24916

gctgagcaga gaaggagttt aggaagtgtt tggttacttc tgagattctg ctgtctctta 60
 gagagcgagc gatgacggta gcagcaggaa tgggttacgc tctgctagcg ttaggaccct 120

ctctctccat cttcgtttct gtcatttcca aaaaaccctt cctcattctc accgttctct 180
 ccagcaactg ctgtggctta taagtttgat tgtgctgtct ggaatatgga gggggggttt 240
 gcctctcaac acaacagctt 260

<210> 24917
 <211> 81
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907072H1
 <400> 24917

gttttcgact ttactttctt ttctgggcct agtcctctga atgttggtga tcagtatact 60
 tccttaattg gcagaccagc t 81

<210> 24918
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907074H1
 <400> 24918

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 gttggagaaa ccggttcaga tcctcaccgc cggatcgccg cctcctgcgg cggtgctctt 120
 cagaacagag gctttgggggt ttgtcgtgag tcacgggtat ggtttgactg agaccggaga 180
 attggtgtgt catgcgcgtg gaagggggag tggaacaagt tgccggcgac ggagagcgct 240
 cggtctgaagg cgaggcaagg 260

<210> 24919
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907075H1
 <400> 24919

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 gttcctttcc atgaacaaaa ggcgggtccaa gagaggtgaa agagaagtgg gtgaggggacg 120

atgtccaagt cttgcaaagg gttggccatg gagctagtaa agtgtctcag tgaactgatt 180
 gtgtaaaggt tgagaagaga tcatataagg aatgcgttgg agagaagagt ccatgcatac 240
 caagtgagt 249

<210> 24920
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907077H1
 <400> 24920

cggttgtgga gccttacaat gctactttgt ccgttcacca actagtggag aatgcagatg 60
 agtgcattggt tcttgacaat gaagcactct atgacatttg cttcaggacc ttaaaactca 120
 ccactcctag ttttggtgat ctgaaccacc tgatatctgc aacaatgagt ggagtgcact 180
 gttgctgagg ttccctggac aactgaactc cgacctgagg aagctagcag tgaacctgat 240
 cccattccca cgtctccac 259

<210> 24921
 <211> 147
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907081H1
 <400> 24921

aggcacttct catgatcatt ttctgccttc atcaagtgtt ggaatgtttt atgcagtgcc 60
 tgaaaattat gtacaccagc cttctaattc taattatgac agacaagcat tttctgctgc 120
 tgatggggga tttattgatc ttacaat 147

<210> 24922
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907044H1
 <400> 24922

ggagatcaag caccaaacc aacacacacc tctctctctc tctctctctc tcttgctgc 60

ttgttctatt tctcattctt tcgcaagtga atgttgaact gactctgcgg ttcggttcgg 120
 tttttttttt tttctgttta tggatccggg ctctatgata aacgaggggt ccttcgcgaa 180
 aaatgcgagc gtaatacggc gccgtttagc ttggcggaga tctggcagca tttcccgccg 240
 gcgattag 248

<210> 24923
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907007H1

<400> 24923

cttaagagta ccctttacaa attaacatta agaacatgat gtcaaagcat tatcatataa 60
 tatctgattg gaactttttt ttcttgattt atctgttctg aacttctaga tgctaaaaag 120
 cgtaagaaat gttcacgacc tctggtatta cataagaaaa agaggagatt gttaccattt 180
 gttcctacaa aagacttaac cggagattga aacagatggg ttctcttgct tctgctttaa 240
 cagccttaaa tatggaattc agtgat 266

<210> 24924
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907008H1

<400> 24924

gtagcttaa tcggaatcgc cgtcgggaaa aggactattc cggcgccgga gatgctacgg 60
 cgggtgaaca atcgaggtga cggcggcgtg gttgtggatt ccggcacgac gttcacgatg 120
 ttgccggcgg ggttttataa ctcggtggtg gacgagtttg accgccgagt cgggcgagac 180
 aacaagcgcg cgcgtagatt gaagagaaaa cgggactcgc gccgtgctat tatttgaact 240
 ccgtggcgga cgtaccagct ctgacgctgc 270

<210> 24925
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907009H1

<400> 24925

agaagaaggc tgagaacaac aacgaaaaag ggtttttggg tttggactct gaaagaaact 60
 caaagtgatg cgtttcatcg ttctttcgcc caaacccctaa cctcgtcctc gtgcattcat 120
 tccccgcgat caggtgtggt tttatccatt gcaaacagca tgaattttgc agcatcattg 180
 tgcagaagat tgaatataag gaacttgtga catatgttcc tgtgtataga agcaccagtg 240
 gtgtttctgg agaaggtttg aatttggcgt tca 273

<210> 24926

<211> 96

<212> DNA

<213> Glycine max

<223> Clone ID: 700907010H1

<400> 24926

cattagtggg gtattttgat tatagattat tgtgtgggtg agaattgttt atttatattg 60
 acccaaattc aactcttctt atctttacgt ggaatg 96

<210> 24927

<211> 194

<212> DNA

<213> Glycine max

<223> Clone ID: 700907011H1

<400> 24927

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 gtactgtttt ttgttttgat ggtaagaaga gtctgagata tttcgaattt cacaagcagc 120
 tatagggttt tagtccattt cctttgctgc tgagggatgt ttttaagttgc atttaattta 180
 taacgaagtt ttat 194

<210> 24928

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700907013H1

<400> 24928

atccaacaac attcgatctt gatgatgatt catcaactac atcatgtcca aattacttca 60
aatggatcca tgaagatcta aaaccatgga agagtaaagg aatcacaaga gacatgggtg 120
aaagaggcaa aaacgtttcc catttttaggc ttgtaattgt aaatggaaaa gcttatgttg 180
aaaagtatga caaatgtatc agacaagaga tgtgttcaca atatggggaa ttttacaact 240
tctaaggtta tacccgggaa agataccag 269

<210> 24929

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700907014H1

<400> 24929

gaaagagggga acaagaagtt gacggtagca gaatggtggt ctccagtaca aatccccaca 60
ataaggagat agctatcagg aggaggattg ctagcatatt taataaacgt gaagatgatt 120
tcccatcttt gagagaatat aatgattact tggaggaagt agaggacatg acatttaact 180
tgattgaagg aataatgttt cagatattga agcaaaaatt gccaaatacc aggaagaaaa 240
tgcagaacaa ataatgatta atcgagctc 269

<210> 24930

<211> 90

<212> DNA

<213> Glycine max

<223> Clone ID: 700907015H1

<400> 24930

ccttctgtg cttgcgtgcg tccttgccat catttttagca atggaatgct tcggatgatg 60
gttctgtcag ttctccttcc cacacaacat 90

<210> 24931

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700907016H1

<400> 24931.

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 caaattgcaa tggctaagca tgatgttgag ggtggttcct tcgctgcaa ggactaccat 120
 gatcctctc cagcaccatt gattgatgct gaggaactca cacagtggtc cttctacagg 180
 gctttgattg ctgagttcat tgccacaatg ctcttccttt acatcacagt gctcactgtg 240
 attggttaca agagccagag tgatgtaa 268

<210> 24932

<211> 256

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907018H1

<400> 24932

gccgcaaagg cgccactgcc ggacgcttct cttcagttcc tggagaccaa cgggctcgac 60
 ccttccattt acactgctat tgattccaca ccacgttaga tatcggtgaa acncgggttct 120
 gaatcatgta ttgaagaggt tgaagcagag gtgaaatgca aactcgaaaa attagagtgg 180
 ttaccgggat tttatctctt ccacctcacg ttcaaattaa ttgnnctagg gcataccgag 240
 aagggaagat atatgg 256

<210> 24933

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700907019H1

<400> 24933

cgcttgataa ctccaactct gtttgctatg tgcatcaaga ttcagtttag ttaaagtatg 60
 tgttggttat cttagttgta gaaaaccctg aatagtatta ttgagatatt acgaattcag 120
 tttgatcctg gaaggacat ctgccttaag cctacatgat gatgccgccg cagccgcagc 180
 ccccccagat gtgggccccca tcggcccagc ctctgtccca atcggtagct cct 233

<210> 24934

<211> 87
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907021H1

 <400> 24934

 gaagaagtga gggcaagaac tttgcagcat accagcatga gcatgaagct cttccagctc 60
 ttctccctac tcccattctt cctctac 87

 <210> 24935
 <211> 58
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907023H1

 <400> 24935

 attcattccc gtcgctgaat catcttcaaa attcaaaagc aagatccaca caacatac 58

 <210> 24936
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907027H1

 <400> 24936

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 taaggtttca agaaagctta taaaaggaga gaacatctgt ttttatcaag ctctgatggc 120
 agggttaaat tttgaagcca catataatga caactatgat attctgtaga tatttgcagc 180
 tgaagggtgtt gattcctttt atcttgtgaa ggaaaggtag ccgtatcaga atgcaatggg 240
 aaaattatat gcctattttt cactg 265

 <210> 24937
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907028H1

 <400> 24937

atatatgtaa aaataaattg gggatcaaac agactctcta aactcttcca aaacactcta 60
 gaattcccca cttatttcca caactcactc tatatatcag agacactcta gaggccttact 120
 cacaggaaat aaaagatcta gccatagtta ttataggcct tatgggaaaa gctttgaaga 180
 ttcaagaaag ggaaataaga gaattatttg aagatggaat acaactaatg aggatgaact 240
 attaccctcc atgccttgaa ccaga 265

<210> 24938
 <211> 87
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907029H1

<400> 24938

ttctgtccat ccctgtcatc ctcaagttgg ctgatgctct tgacattgct gtgaaatctg 60
 tgaggtagac tcgtggaagt ttcattt 87

<210> 24939
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907030H1

<400> 24939

gcaatggagg cgattaggaa gagtaggatt cttatattgg aggaactggt tacataggga 60
 agtatatggt gaaggcaagc gtcacgttag gccatccaac ttttgtctac actcgccctc 120
 ttgatgcaca aactccttcc tctaaggcac agctttgcaa ggagttcaac tctatggggg 180
 tcacacttgt cctggagaac ttgagcatga ccagattctg gcagtgatta aacaagtaga 240
 cattgtgata tgttctcttc cataccc 267

<210> 24940
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907031H1

<400> 24940

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aagttcctga caacgagttt gaggacagcg cataagacca gaggttatcc ctgcaaatga 120
gataggggtt acatttgcag atattggtgc gttggatgag attaaagaat cacttcaaga 180
gctggtaatg cttcccttag aaggccagac ctcttcaaag gtgggcttct gaagccatgt 240
agaggtatat tgctttttgg gcctcctggt 270

<210> 24941
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700907032H1

<400> 24941
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atggaatttg tgaaagattt taagggtgcg gcacagatat tggagaaagg tggttatact 120
caatttacac cccattatat aacttggtag tgctctcagg catttacatt gagcaaacag 180
tgcaagtccc agtgcataaa tcatggaaga tattgtgctc cggatcctga gcaagatttc 240
agcactgggt atgatgggaa agatgtgggt 270

<210> 24942
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700907034H1

<400> 24942
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tccaccacct ccattctccc ccagtaacaa cataacataa cattcagaga aaaacaaaac 120
tatcataccc acatggattt gcaatgaaag tgagagagtc caattatgag aacgctttgt 180
gatgcttgtg agatgcggcg gctatagttt tctgcgccgc tgatgaggct gcactttgtc 240
gtgcctgtga tgagaagggt cacatgtg 268

<210> 24943
<211> 263
<212> DNA

002200"ETFE560

<213> Glycine max

<223> Clone ID: 700907035H1

<400> 24943

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aagactttga cgggaaagac cataactttg gaggttgaaa gctctgacac cattgataat 120
gtgaaggcaa agatacagga caaggaaggt attccaccag accagcagag gcttattttt 180
gcagggaagc actggaagat gggcgtaccc tggctgatta taatatccag aaggaatcca 240
ctctgcattt ggtgttgagg ctt 263

<210> 24944

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700907036H1

<400> 24944

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ttcattcttc accctcgta ctcgtcattt ctgcttacca cgctcccct tcaaaacttg 120
acaaatttga tttgaagctg gggaaggagc atcgggttta gattaacgca atgctgcaac 180
aagagccaaa tccattcagc attccatacg tacagaagat caggtgaggt tgaggagtac 240
gctggatggt acctggtcct ggcc 264

<210> 24945

<211> 129

<212> DNA

<213> Glycine max

<223> Clone ID: 700907038H1

<400> 24945

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tgcaaggctc agttttcaaaa ccaccacctt ccctctctc caacgtgtat ggcgtgtagg 120
tacccaaga 129

<210> 24946

<211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907039H1

<400> 24946

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 tatgcgcggt tactgattcg tcgatggat ctgtcgaaaa aattcacatc gaaaggggaa 120
 gaacacggaa acgccctcgt ctgcggtggg acgtagctcc tccctccgcg tctgaggcac 180
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 aagggacgac gatcgagagg gc 262

<210> 24947
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907040H1

<400> 24947

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 tttaaatagc catttgactt cagcctctac agcagagtcc cagatctctg cattccaatt 120
 cccatggccc gtcgctatga cagtaacccc ttcatgagg aagaagttaa ccccttctat 180
 aatcctggaa ggttcccgct gccactaatt caaggctttc acctctgaag ccagaacctg 240
 ttgattataa ttatggcttt ggtgcg 266

<210> 24948
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907006H1

<400> 24948

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 agattattca gttgctaatt taggatgata atagtcattt gtgggattca tcaaggcagc 120
 ttctgataga atcacaggat ggatgactcc ttaggtgtga cctaactctc cgcgggttgt 180

gcagaaaaac cccttggtca tattttgtat tttttttcac caattaattt taggggaatt 240
 gatgtaccat aattgcagta atatatggtt t 271

<210> 24949
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907041H1

<400> 24949

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 tcggtaaacc taaacaggaa accaatgctg ttgccacttt ggacaagcta aacgagacac 180
 ttgaaatgct ggagaaaaag gagaaagtgc tccttaaaaa ggtggcagcg gaagttgaaa 240
 aggccaaaga attcacaagg gggaagaa 268

<210> 24950
 <211> 84
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907042H1

<400> 24950

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 tacgctgcta ctcattgttg catg 84

<210> 24951
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907043H1

<400> 24951

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 cggttttttt ctttccttaa aaaaaaaaaa aaaaaagaaa aaaaaaaaaa aagaaaaaga 120
 aaaaaaaaaa agataaaaag agggaggata gcggagggga accccattaa gcaagagggg 180

ggggggcgcc ccgctggggg ccccccccg cgggggtttt ttcggggggg ggtcttttg 240

ggggg 245

<210> 24952

<211> 262

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906963H1

<400> 24952

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ctttcagacc tcatcaacct caatctctca gaatccacag aaaagatcat agcaaaaanta 120

catatggggtt ggtggatctg gtatggacct cagaagcaaa gccagggtc ttctggggcc 180

agtgagtgc cctgcaaaac ttctgaagtg gaactatgat gggcttagca cagatcaagc 240

tccaggggat gacagtgaag tc 262

<210> 24953

<211> 262

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906964H1

<400> 24953

gccatagact gtgatctgtg atatggaaat tgggaactcg tggtatgtaa agatgtgatg 60

tggtttgngt agtgtgaacc gtttgcttgc ttcgtgtatg tacattctct ccggaggcac 120

cgtcgtgagc ttttctctct ggtaggtccg tggtgctgaa acctttttga cctttccaat 180

aaagcatttg tttcaccta tcaatgagct gaaccattgg aataaggatt ccaaacccca 240

gtatttccaa tgccgacaga aa 262

<210> 24954

<211> 171

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906966H1

<400> 24954

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cgtcacgagc aagatcctca aatacttcca tttctcgccc gaggacgaga ggaagtcgcc 120
ggacatagaa attgcccctt cgaacgcgca cgacgatgna nncgcacgac t 171

<210> 24955

<211> 60

<212> DNA

<213> Glycine max

<223> Clone ID: 700906967H1

<400> 24955

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<210> 24956

<211> 121

<212> DNA

<213> Glycine max

<223> Clone ID: 700906969H1

<400> 24956

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ttcgtatgca agttacatga aaatggttgt acatggagct tgggcgcatg caattcaaag 120

a 121

<210> 24957

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700906970H1

<400> 24957

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tcttcccttt gaccattcaa ccttccctgc ctttgccctcc gtttcgtgag tccactcttc 120

ttcgattcta gcgtgactga gatggctgga ggtgttattc agcagatatt gaggaggaaa 180

ctccaccctc ggtttactaa ctctcccttg ttgtcaccca tcgtagcaaa aaaagatgat 240

gctggctcta ctgg

254

<210> 24958
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906971H1

<400> 24958

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 cagataccac tgcagccaca tcagtttggg ctatgacagc cctagtaaaa aaccctagag 180
 taatgaagaa agttcaagaa gaagttagaa atgtgggggg aacaaaagat ttcttagatg 240
 aagatgatat tcaaaa 256

<210> 24959
 <211> 91
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906972H1

<400> 24959

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 aaggactcta cagagtgcag ttcaccatac c 91

<210> 24960
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906974H1

<400> 24960

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 gtacttggtt cattttctct cgaagcaaga aaaatgttca tcgagagttt caagggttgag 120
 agtcctaacy tgaagtacac agagactgag attcagtcgg tgtacaacta tgaaaccact 180
 gaacttggtc acgagaacaa gaatggcact tatcagtggg ttgtcaagcc caaaactgtc 240

<223> unsure at all n locations
 <223> Clone ID: 700906982H1

<400> 24964

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 taaatcgact cccttgttcg ccataacaac agatggcaga caatgaggat ggaanggata 120
 agactactcg tgggaatgaa tgggaggttg tatctctgac agcatcgaca tatgcagctg 180
 ctcttggtgc tgatgaagtt gagatgaagg atgatgggaa cgaagatgta tatggacaag 240
 atgaaggaga aa 252

<210> 24965
 <211> 187
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906983H1

<400> 24965

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 gtggccttga gtgactatgt agagacatgg gttcggaatc cggacaacaa cctcttttac 120
 atatcgtagg gtaacgctgc gtccaacatc cctccttcac accttcgcta gcacaagctc 180
 cgggcaa 187

<210> 24966
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906984H1

<400> 24966

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 gtgcattttc agctaaacct gagcacgccc aactgagatt gtagcttcag attccgaggt 120
 gagagcagaa agaagagagg ttggagctac ccagagttcg attttgggtt gttcaacaag 180
 gtcaagatgt ttctgagctt gatggatatt atgtagatca agaggggtgt gtggattggg 240
 gaagcaattg tt 252

<210> 24967
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906985H1

<400> 24967

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 gcctccaggc atggctttat tagattcaag tcaagtacgc caagcaacat attaaagggg 120
 gcgccagatt tctgtactgt gtatgtgatt tctaaggga gaatctcttc agttcggagt 180
 gctgctcgaa cagccccaca tgcctcccca ttgctgaggc acatacagat tctacatgac 240
 gagaatgcac gtga 254

<210> 24968
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906987H1

<400> 24968

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 gaagaagcac ttccacagaa aacatgaaag ggtaggtcc tcatgccctt ttggtttcaa 120
 ggggaaagct tctctcttcg ttggcagtag tggatgcctt gccaacatgc tcttcttatt 180
 tctctagaac caccgtccta taccattaa gatgcagaca aaaatcaagg ttgagcttgg 240
 cccgtggcac aattc 255

<210> 24969
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906988H1

<400> 24969

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 ttcagtggca tatattggtt cttagaagta ttttatcaga aacttgggtac cgcttgattt 120

tatctttctt gctctcttc ttgcagtctg aagaagaga ttggttgct agtgaagata 180
 aagatctgta tattgagatt ggctgggcgg agttacttca tagaatgcta gcaccaatcc 240
 cttctcattg gg 252

<210> 24970
 <211> 244
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906989H1

<400> 24970

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 ccgaagctct caacggcaca atcaccacct ccatcatgca cgcgttcggc aacgtcctcg 120
 cgttcttcat acttctcatg atcggcgctc tcgccttctc gatccgtctc ttctccgtta 180
 taaagtatga gagtgttatt cacgagtttg atccttattt caactataga gtcactcagt 240
 tttt 244

<210> 24971
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906990H1

<400> 24971

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 gagtccagacg ttagccagct gaaggatact gatcctcctg atggatctag taaactagag 120
 ttgagtgaca agaatactcc acaacattga aatttaacta tattgtaaga atctcagctg 180
 gtaacttaag gctaagaaga caaggtctca cagttcgtgg gaag 224

<210> 24972
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906991H1

<400> 24972
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 acgattggct cgccaaccac aacctcgtct ggccctctct ttcttgaga tggggtcctc 120
 agctagagca agccacttac aagaaccgcc accgctctta tctttccgaa cagactgatg 180
 gcagtgttcc caataccctt gttattgcca actgcgaggt tgttaaacc agggttgctg 240
 ctgctgagca ca 252

<210> 24973
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906992H1

<400> 24973
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 aaaagggaaa agttgggttt ttttttgggg gccaaaggaa ttttctttta aaattaaaaa 120
 aaaaaaacc cccaatttt tgaaaaaac aggggggaaa ttgggtaagg gggccttttt 180
 ttcaaaaagg ttttttcaaa aagggggggg cccgatttgt ccccaaaaaa ggggggaaat 240
 gggaaacttg tttt 254

<210> 24974
 <211> 256
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906993H1

<400> 24974
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 nttntctctt ctncggaaat cccagatgtg tctgttctcc caaatgctcc ctctccctcc 120
 ctaacaactc tctccactc aacctctctc gcacgcgcc ttctctctcc ctacgcgcc 180
 cctcgcacac tcgccgtcc ttcgtcgtca aagcctctc cagcgagctt cgcctagtgt 240
 gaaacaccgc accgga 256

<210> 24975
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906994H1

<400> 24975

caacttaaga gatcaatatg gccaccacca ctaccagcc tccctcta atctgttttt 60
 tccttctggt gttgcttcta gcacactttc atttgggcat aagccaactt gagctgaatt 120
 actactctaa aagctgccc aaagctgaag agatcatcaa ggaacaagtc acacaactat 180
 ataacaagca tggaaacact gccgtttcgt gggtcagaaa tctcttccac gattgcgtgg 240
 ttaagtcatg cgatg 255

<210> 24976
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906996H1

<400> 24976

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 gttgggctcc aactatgagg ttgaaggatg gactgaggat cacatacttc tggattaagg 120
 agcagatcga gaaggagaag gctcaaggta ttgatatac agtgtatggg tcttccaaag 180
 tgggtgcagac tcaagcccc gttcaactag gtcacttcg agcagcagat ggcaaagaat 240
 gaggtggtca acatatg 257

<210> 24977
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906961H1

<400> 24977

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 gaaagatagg gaaggagacg acagatcata tcaagacct tttaaagaaa ctgattgagt 180

cccctcccga accaccgaag caaatcaata ttgaagttga aggcctgtct gtcgtcaagg 240

attacttatac tgactacggc t 261

<210> 24978

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700907001H1

<400> 24978

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ttgttttagga gatacactga taatggaatg aacgaagatc tggcctataa gaatactgtt 120

gagtctataa cagggattat atctaaaacc atctcaacta agggcatgct agctgtatac 180

aatgctttat ctgaagatag aaaagggaaat ttgagaaggc ttatagtgtc tcttattatc 240

cttgcattgga aattctgtat gattgctatg aggat 275

<210> 24979

<211> 90

<212> DNA

<213> Glycine max

<223> Clone ID: 700907002H1

<400> 24979

cttggcagga ctgtgcatg ttcattgtca aaaaattatt ggcttagaca ataatttttt 60

gaacatgaaa atggacagtg cttggcagga 90

<210> 24980

<211> 89

<212> DNA

<213> Glycine max

<223> Clone ID: 700907003H1

<400> 24980

gaaagggacg ccaaagcgaa accctaacc taacggagag atggcggaca cttggcatcg 60

atattcggga cggagaagga cagggtgaa 89

<210> 24981
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907004H1

<400> 24981

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 tagcactatt tcaaatgaac atctcacaaa gatagctgct gaagctatga gtgaaattgc 120
 tgaatcagat actagtccaa gccagttgct ggataatggt gaaaacagag tgctagaagg 180
 agattcatct gtctcaccga aaagcattca atttcctgctc tggttggctgc ttctctatct 240
 cgtttttatta aaggaaaagg g 261

<210> 24982
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906923H1

<400> 24982

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 agagccctaa gaagcgcaca cgcgctagca aggccctacg tgcagcctca gctgctgaca 120
 gcagaacgcg ctttttcgac ggatgcgcgc acatcgatta ccccgctggc ggatcgctg 180
 aagtgggact accgtgggca gaggaagata atcccggttg ggcagtggct ccccaaagtt 240
 gccgtggatg cttacgtggc accc 264

<210> 24983
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906926H1

<400> 24983

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 cggaataatt gacatgcagc tcaagctcgt gcctggtaac tctgctggaa cagtcaactgc 120
 ctattattta tcttctctgg ggctactca tgacgaaata gacttcgagt ttttgggtaa 180

cttgagtggg gatccttata ctctccacac gaacgtataa ccacaagggg aagggaaacag 240
agaacaacag ttccatctat gggt 264

<210> 24984
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906928H1

<400> 24984

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agaagattaa taaaaagaaa gtgtagtatt ctgggagaaa gagagaggaa ggagaaacag 120
ggacaataag cataggggaac tgtgaagagc tgaaggaacc tttgtttttg ttgggttggtg 180
ttgttggtgc gtctggattg ggttggtttt agggattgga atgccatctg gggttttgct 240
ctcaggcgat caaggtccaa agctga 266

<210> 24985
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906930H1

<400> 24985

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aactcgctgc gaagaccgag gaattcgacc tcgaatcagg agaaaccctc taccagggc 120
tgagcgctcg cgagaaccag ctccgatggg gtttcattcg caaggtctac ggcattctct 180
ccgcgcagat cgtcctcacc accctcgtct ccgtcaccac cgttttctat actccaatca 240
atgacctcct caagggaat tccaccc 267

<210> 24986
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700906931H1

<400> 24986

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 gaagagcttg gatttatatg ggaagttgga tggcatgaa ggggtgtgga atgcagtgga 120
 atttaactcc accggtgaca ttcttgtttc tggttctgat gaccgacaaa ttatgttttg 180
 gaattgggaa tccaaaacta aattgtttgc atacccttct ggccacacag acaaca 236

<210> 24987
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906932H1

<400> 24987

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 caagctgcaa gccacttcgc tgtttcgttc ttttcccata attggacatc tcagattctt 180
 ctcaatcatt tccttcactt tgtaactggt ttctctgagg gcattctatt aagtgagaga 240
 cgccaacgta attctgaaat ttcgactg 268

<210> 24988
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906933H1

<400> 24988

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 cagcagtgta ctcttctgtc tatcaaaaca gttgggtgca gtgaagattg ttcctattgt 120
 cctcaatcct ctaagtatga tacaggagtc aaaggccaac gccttatgaa caaggaagct 180
 gttctccagg ctgcaaagaa ggcaaaagag gctgggagca ctgcgttttg tatgggtgct 240
 gcgtggaggg atacactagg aag 263

<210> 24989
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906935H1

<400> 24989

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gcaatccctt ttactcaac gaactgcaca aatttgatcat tccccgctgt tccgactcca 120
agacaacaac cactgttggt ttcttcaacc tcaacttgct tagcagcagc ggcggcgctca 180
aactcaaaca gcacttcgaa ttccaataac aacaaccctg cttcagcttc agcttcgctcg 240
aaagagaaga aagtagaagt gg 262

<210> 24990

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700906936H1

<400> 24990

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tgcgttgata tatacagggc acggtgggaa tgtgatgaac actgataaag aacctgaaga 120
tcagaggctt gagcggggca atcttgctct gaagaacagt attgaggaaa agaacagtgt 180
taagggtgata cgtgggtctg aatcaatgga tggaaagtgc aggatatatg tttatgatgg 240
actgtatgag gttgag 256

<210> 24991

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700906937H1

<400> 24991

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cagcattcac tgggtcaaact gctctgaagc agctcaatga gttcgtccgc aagaccggtg 120
gcgccggcaa aggtcgcact aacatgcgcc gcaccgtcaa gagggtcct cagagcattt 180
ggatatggccc tgaccgtccc aagtacttgg gtccattctc ggagcagatt ccatcatacc 240
tgaccggaga attccctggg ga 262

<210> 24992
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906938H1

<400> 24992

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 aagtgggtgcc ggacgcggag gaccaccacc tgctcaacgc ggagcaccac ttctccgcct 180
 tcaagacaaa gttcgccaag acctacgcca cgcaggagga gcactaccac cgcttccgta 240
 tcttcaagaa caacttgctc cgc 263

<210> 24993
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906940H1

<400> 24993

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 gaggtcggcg aggagaggga gatcggctct ggcggcctca agatcgagct cctcaaggaa 120
 ggtcaaggct gggaaacccc cgaagtcggt gacgaagtcc aagttcatta cacggggact 180
 ttgctcgacg ggactaagtt cgattcgagc cgcgacatgg attctccctt cagcttcacg 240
 ctcggacaag ggaaagtaat 260

<210> 24994
 <211> 82
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906941H1

<400> 24994

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nnccaaaaat canacacaca tt

82

<210> 24995

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700906942H1

<400> 24995

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cttggcatgt cagaaatgct tggaaacccc atcaacttca gtggtgccac aaggccagct 120

ccatctgctt ctagtctctgc ctcttcaag actg-ggctc ttttctccaa aaagaaggct 180

acaccaacac ctccaaaaaa agctgctgct gctgctcctg ccaatgatga gcttgccaag 240

tggtatggctc ctgacagaag ga 262

<210> 24996

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700906944H1

<400> 24996

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cttccgttgg cgaatcgccc cgttctctcc tacgtactcg agtacttgga gcttagcaac 180

ctcaaagatc tcattgtggt ggctgattgc taattttctg ctcttcatgt tgggtgctttg 240

gattcggggg cttgtgctga t 261

<210> 24997

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700906945H1

<400> 24997

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gcccccaatg ctctactccg acgcggtttc gttgttgctg ttttaagcgtc tagcggacca 120
 agacaacaag ctctctact ccctcaacga gctgtacgac tactgcgagt ggcagggcgt 180
 gaagtgcgcg cagggcagag tggtcagctt cgtggcccag tccatgggcc tgcgaggccc 240
 attcccgccg cacactctca caa 263

<210> 24998
 <211> 96
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906946H1

<400> 24998

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 tccaaatcac atccaacgtg aatccgtcat tcaact 96

<210> 24999
 <211> 263
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906947H1

<400> 24999

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 gcagataaac tgtgaggcat ctttaaaatg cctccagggc aagggtattc cttgcaattt 180
 tcaaagtaat gggaattcta tagaaggctt tacagagctt aaaacatgag cctgggtactc 240
 accctgctgg ggatgttgct gac 263

<210> 25000
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906948H1

<400> 25000

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taatttttcg tattctaaaa ggttttcaga gtcattcaat tcttcaacat caaaaaagga 120
 gtcattccagt tccaacatcc ttgctttcca ctccatagct caatggaatg ctcattataa 180
 agccaccaaa gaaactaaca agctgatggg atttgatttc acagccacat ggtgtggacc 240
 ttgcaaactc atggaccctg ttat 264

<210> 25001
 <211> 76
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906949H1

<400> 25001

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 tattcagtga gtgtgt 76

<210> 25002
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906951H1

<400> 25002

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 ttcgaacacg agattattgt ctagctctct ctgttcgagt tctttggacc ttggattcgt 180
 tgccctctcg caatgctgct atcgtgagtt ctgtgattct attggatggg gagatcgtgg 240
 agttcttaac atgg 254

<210> 25003
 <211> 263
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906952H1

<400> 25003

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 gcctggcgcc actcggcgat cctccaccag ggtcaactcg cccgtgactc accgcagagc 120
 tgccccgccc ctgaccccaa cctctactac aaggcagtca tcggaatcgt cagccatccc 180
 ggcgacggcg cctccggccg cctcagcaac gccaccggcg cctcctacat cgccgcctcc 240
 tatgtcaaat tcgttgaggc cgc 263

<210> 25004
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906953H1
 <400> 25004

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 cgggtgatacc tttcgtgctt tttcttttct gtcttcaccc caaaatcaca ctctctctct 180
 ctagaaaatg gcagcttgca tattcacggt ggcacaggac gggaccgcag atttccaaac 240
 ggtgcaggag gctatcgac 259

<210> 25005
 <211> 89
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906956H1
 <400> 25005

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 caagtcttta attctcgaag acattccaa 89

<210> 25006
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906958H1
 <400> 25006

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 caatccttgg tgggtctagc atctatccct accctcgag tggttagaaca ggaagagaaa 180
 ggaccatgac agatcccaac agtgagaaac cgggcgatgt ttatgttcca agagatgaaa 240
 attttgggtca cttgaagt 258

<210> 25007
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906960H1
 <400> 25007

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 aaccatcaag cttcttctct tactgaatgt gtttgggttt ggagccatgc ttctatcaac 120
 tctctacctg tcaaagggag caaagcgtct tgctatcata ggatggattt gccttggttt 180
 caacatcagt gtctttgctg cgctctctt cattattagg cgtgtcataa agacgaggag 240
 cgtggaatac atgccattta 260

<210> 25008
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906922H1
 <400> 25008

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 agtacggtgg gagaagggaa ggtgagttagt aatgggtcatg gatgttgcaa atcagggcca 120
 ggctatgctt cccactgga agccatttct ggtcccagag agtctctcat ttatgtaacc 180
 tctgtctaca cagggaccgg aatagagaag ccagactatt tggcgacagt ggatgtggat 240
 ccaaactctc caacttattc ca 262

<210> 25009
 <211> 246
 <212> DNA

<213> Glycine max

<223> Clone ID: 700906882H1

<400> 25009

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attccatcca ctaatattgc tgagtccaca gtgttttatt actagatgaa aggagactat 120
tacggtatatt ggcagaattt aaagctggca atgaaaagaa agaggtggca gatcagtcac 180
ttaaagcata tcagacagct tctaccactg ctgagagtga actacaacct acacatccta 240
ttcggtt 246

<210> 25010

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700906883H1

<400> 25010

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cttgacaatc ttgatcatat tgctctgcaa actctgctgc actaactgct tcaccgcttt 120
ctttcctcac tcatgatccc atcttcctcc accaagcacc ctttcgacga agaagaagaa 180
gatccacaaa taggagcaga tacaccaag ttaaagtttc caccgtaact tccagagacc 240
tgttttcc 247

<210> 25011

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700906884H1

<400> 25011

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atctgtgtac tcatcaagaa tccatcatct ttgaggtctg tgaagaacgt gtctaaagta 180
tttggattga aatcatcttc ctttagagtg tcagcgatgg cggtatataa agtgaagctg 240

attgg 245

<210> 25012
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906885H1

<400> 25012

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 ggtgaactca tactagagat gtaattgcaa tggaagattt ggcaagaagc attcagaatc 180
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 cat 243

<210> 25013
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906887H1

<400> 25013

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 ccaaattgatt tggtttcaaa atcctctcct gaaatttgat tttgtactgt ttatactctt 180
 ttctttgttt agaaccaata tattggcatg agttatacta tttatgtaat atttctttac 240
 aacaaa 246

<210> 25014
 <211> 241
 <212> DNA
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<223> Clone ID: 700906889H1

<400> 25014

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cccgtgtgg tgtctctcc acctgcaact gcaactgcgg ttcctcttac ggactccgtc 120
aaaccagaa agctttcctt gaatcattgc tactccaatc ggggtgctgtc cttttcaggg 180
gattcccact ctccaccgct tctcattca acgacgctaa cgaagcattc ggctacgacg 240
a 241

<210> 25015
<211> 244
<212> DNA
<213> Glycine max
<223> Clone ID: 700906890H1
<400> 25015

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ccgaatcaaa atccgaagtg agatttgca tggagaggct tcagcgaatg tttgcagggtg 120
cagtggagcg ctagggcacc ctccccaga ttccccaaact ctcgattcct ccgagcagggt 180
ctacatctcc tcaactcgatc tctcaagat gcttaagcac ggaagggctg gggttcccat 240
ggag 244

<210> 25016
<211> 243
<212> DNA
<213> Glycine max
<223> Clone ID: 700906892H1
<400> 25016

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tgcgtcaagt ttttaattagt ttctgagtgg tgtttaattc tctcatcaac ctagctagca 120
tcaagtgatg aggacatgga atctatgcaa tgaatagact ctcagggtacc atatgtatgt 180
atgtattaat agaattgcat aggggtctttc tatgctactt tctctttcac cttacaaatt 240
ctg 243

<210> 25017
<211> 70
<212> DNA
<213> Glycine max

<223> Clone ID: 700906893H1

<400> 25017

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<210> 25018

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700906894H1

<400> 25018

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tgtgtgttgt agccgccccg tgaccatcaa tggcggaac tgctgtcgac aaatcccaat 120

cctcgctgag gaatattatg tgaaggataa gcaaacagct gtagttgaaa aacctgttga 180

gggtcaaagaa gttgaaaacc cagaggaggc tgcttctgag gaaccggtg ctgagaaaac 240

tgt 243

<210> 25019

<211> 90

<212> DNA

<213> Glycine max

<223> Clone ID: 700906895H1

<400> 25019

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aaatttctgc accttccaca caacatacga 90

<210> 25020

<211> 239

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906896H1

<400> 25020

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tcgacaatgg cggagacaga gacgtttgct ttccaggctg agatcaacca gtccttcagt 120
ctatcatcaa caccttctac tccaacaagg actagttcan tcgtgaactc atcagcaacg 180
ctccgatgct ttggacaaaa tcgatttgag atttgacaga taagagcagc tcgtgctca 239

<210> 25021
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906901H1

<400> 25021

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accattcaca tctccctctc cgattcatca ctctcctctg tttccccgac attcctcttc 120
ccatttctat tctcgaactc tcttcacccc ttcgttcttc ataacaagac atttctcatc 180
ggaaacccaa acggatgaga ttgctagctc cctctcctca gagcttctca aagagcaaga 240
ctccgacgct ctctccgtct cg 262

<210> 25022
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700906904H1

<400> 25022

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atcctaagat cagaatttat gatgttggtg tgaagaagaa aggtgttgat gagtttcctt 180
tctgtgttca tctggttagc tgggaaaaag aaaatgtttc aagtgaagca ttggaagctg 240
ctagaattgc atgcaacaaa tata 264

<210> 25023
<211> 92
<212> DNA
<213> Glycine max

<223> Clone ID: 700906905H1

<400> 25023
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 aatctcgtta ttcctcttca ctcccaagct cc 92

<210> 25024
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906908H1

<400> 25024
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 gtttgcgga tgctaagatg gacaagagca ccgtccatga tgttgttctt gtcggtggtt 180
 ctactaggat tcccaagggt caacagttgt tgcaggactt cttcaacgga aaggagcttt 240
 gcaagagcat taaccagat gaagctg 267

<210> 25025
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906910H1

<400> 25025
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 cttcttcagt gaaactgggg caggaaagca cgtgccccgt gcgatttttg tagatcttga 180
 gccactgtg attgatgagg ttaggactgg gacataccgc caactattcc atcctgagca 240
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<210> 25026
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906911H1

<400> 25026

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tcttgtctga agagtctggt tgggacaaag atcttgccaa gaaaatctgg tgctttggcc 180

ctgagaccct tggaccaaac atgggtggtg atatgtgcaa gggagtccag tatttgaatg 240

aatcaagga ttctgtggtt gctgga 266

<210> 25027

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700906913H1

<400> 25027

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agtgccattc tgtggtttct ttctttcttt ctttctgcat cacatcaciaa cttgcattgc 120

ctcgtgtcct ttttcttctt tgctctcaa aaatctcaca cacacaggta tctggcaaat 180

gggttctcac caacaagaac catggctatt ggagaatggg aaaccaaggg ttttgaccaa 240

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<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700906914H1

<400> 25028

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tcaaaaactaa acatcctgag tcatttgatg actacagacc aatctccttg attggatgta 120

tgtacaaggt gatagctaag ttattagcaa atagattgag acaagtgata tctgggtctta 180

ttgatgagag gcagacaact ttcataaaaa acagacacat cctgcatgac atactacgtc 240

ttaatgaggt gattgaggaa gcttgta 267

<210> 25029
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906915H1

<400> 25029

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ggaggcacgt ggggggttcga gtttcgaacg cgctgatcga accagacgga gggaagctgg 180
tggagcttgt ggtgagggat aattcagaaa gagacttgaa gaagggtgag gctctttcgt 240
tgccgaggat caagctttca aggatt 266

<210> 25030
<211> 276
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906917H1

<400> 25030

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cactgttacc taaanctcag atcagacaaa ccctacctct ccggtcagag tctccgccgt 120
caagctactt tccccaccgt ctctgtccaa tttcgacgcc gaatatcatg tcacgcctct 180
tctgccatcg ctcaaaaagt tgggctgtaa aatttaattc acttagatgc attttgatca 240
agacactatt ctgaaaatct agaacgggca cttgag 276

<210> 25031
<211> 96
<212> DNA
<213> Glycine max

<223> Clone ID: 700906918H1

<400> 25031

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acccaaattc aactcttctt atctttacgt ggaatg 96

<210> 25032
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906919H1

<400> 25032

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 agacaacctt aactccggtc gctctccggt tctttccaag ttccatccac gggttttgtg 120
 ttttccgcac gagatgacgg actacaaaga gaaagctcaa attgcacgtg cctatctctc 180
 ttctcaagta aactttctcc atttcttctt cgatcttggtg caaattttgg agttttgttt 240
 ccccttggtg gttctctgga aatta 265

<210> 25033
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906920H1

<400> 25033

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 tgggtgggtt tcgattgaac tgtgatgtcc aagccactgc taggcatagc ggaagaggaa 180
 ggtcaaagca atgtcacttt gttggtttct tctcagcca ccatggaaag tgtgtgcctg 240
 aatagctcaa aactgaaaga g 261

<210> 25034
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906921H1

<400> 25034

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 ggcaagaaag atgtcggggc aaacgcagcg tctgaacgtg gtccccaccg tgacgatgct 120

gggagtggtc aaggcgctc tagtcggcgc cacgcgcggt cacgcgctcc tgaagaagaa 180
 gagcgacgcg ctacagggtgc agttccgcca gatcctgaag aagatcgtgt ccacgaaaga 240
 atctatgggc gacatcatga aaac 264

<210> 25035
 <211> 244
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906881H1
 <400> 25035

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 gaagggggta tgaggggcag aggccggggc tggggtggtc gtggaagagg aagaggaggg 180
 tatcatcggg aactttgttg cagatgtgat gtagaaaacg tcagacttca ccaggctgta 240
 ctag 244

<210> 25036
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906830H1
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 gccggaaaac ttaaaattcg acgcctcgac ggaaaagcgg ctgctaaact gcgcgaccac 120
 ccaattttct tgcaaatcag atccagaaac agctatgtct ggcaattcga attgcagtgt 180
 ttacataggc aatctggaga gacgggtgac ggacagggtc ttgtatgata tattaattca 240
 agcaggaaga gtg 253

<210> 25037
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906831H1

<400> 25037

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 ggataatggg gatttatatc ccggcttcaa cggcgggtggg accgtgaccg gagccaccag 120
 caaaggcaac atgacgggtc cagcagtgc gatggggggg acttcttcgg gatgatattc 180
 agaggtggca gcagcagcag cagcagcagc caagcagcgc caccatcgtc cgttctattt 240
 gtttcaatct tttt 254

<210> 25038

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700906833H1

<400> 25038

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 gagccatcct ttcaagacaa gggcttaggc tccttggttt tgtatgtgct tgcttgtatt 180
 agttgtaatt tatgtatctg gagtcttctt catttggaat ttcattgtgaa tctttttgtt 240
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<210> 25039

<211> 253

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906835H1

<400> 25039

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 tcaaccaaac tcagaatcag aatatgcaaa gcttcacca gggcctcgtc catttcctat 180
 cataggaaac atcttggaac ttggcacaaa tccacacata gcataattta gantctcaaa 240
 gatttatgga cct 253

<210> 25040
 <211> 255
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906836H1

<400> 25040

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 nannaatggc gggttacaga gaggaggagg atttcgatta actcttcaag gtggtcctga 120
 tcggcgattc ggcgtgggca agtcccaacc tcctctctcg cttcaccaag aacgagttca 180
 acttggagtc caagtcacc attggcgtcg agttcgccac ccgcaccttg aacgtcgatt 240
 ccaaagtcac caagg 255

<210> 25041
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906837H1

<400> 25041

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 atagagttga acaaggtgga tcgaaggcat ggggaagaggc ctctcccttc tgatcatgca 120
 tcaagggaga gaggggaaggt ttcaactttt ctgttaacca atctccacct aagagccaag 180
 ggggagaagc ttctcaattc tcctttatgc atccaatcaa tactggtgat gatagcactc 240
 tttcttcacc aattc 255

<210> 25042
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906838H1

<400> 25042

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 ttaaagaagc atctgaagag gcttaatgcc ccaaagcatt ggatgcttga caaactgggt 120

gagtgtactt ttgagagggg cggatgaaggt gattgttatt gattttctgg atctttcatt 180
 tttgtgattt ataaatttga tatgttgcac tgccacaagt aacaggggag actatgtttt 240
 tgaggt 246

<210> 25046
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906847H1
 <400> 25046

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 gtgccaagat ctaccaggg aaaggcatca gatttgttcg tgggtgattct cagggttttcc 120
 tgtttgctac tcaaaatgta agaggtatct ccacaacagg ttgaagccgt caaagctcac 180
 gtggactgca atgtaccgaa agcagcataa gaaggatatt gctcaagaag ctgtgaagaa 240
 gagaaga 247

<210> 25047
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906850H1
 <400> 25047

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 attcatcaca ctaatataga ttgtacttga ttggagcagg attgtccata aaaatacaag 120
 ctttcattgt ggctactaca aggtgggttcc ctccggattc cggtgccttt gcggactggt 180
 cggccctcc gtctgctgtc tccggccgag gcgacgatct ctccctcggc ttcaatgctt 240
 catccgcca 249

<210> 25048
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906851H1

00220-ET-660

<400> 25048

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acgtgtgctg ttaggatgca gtgtgctttg atgatgcttt gatgaatatg cagtgtgctt 120
ttttaatcta ttattttctt ttatttcttt ttcataagga ctttagttct tccaccgtgc 180
ttgattgttg tctcgattat aactaaattt ccgttattta agaacaatag ttgacattgt 240
ggaaaaaac 248

<210> 25049

<211> 127

<212> DNA

<213> Glycine max

<223> Clone ID: 700906852H1

<400> 25049

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aggcatgtga atctgggagt atctttgaag gtcttcttcc agaaggctctg aatatgcaca 120
caacata 127

<210> 25050

<211> 153

<212> DNA

<213> Glycine max

<223> Clone ID: 700906853H1

<400> 25050

ccccgtcaag gccatgaacc ctggcttggt ttatgatatc tcctctaattg attatgtgaa 60
tttcttgtgt acttcaaatt acaccaccaa cactatccgc ttcataccta gaaggactta 120
tgattgcgtg gggctaaaag ggcaggacat tct 153

<210> 25051

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700906857H1

<400> 25051

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acgacacggt ggacgactac gacgagtacg accccacccc atacggcctc tgctacgaca 120
ttcaccaccc tacggccgcc ccgtctctcc ttcagaagaa acctgctacc cactcggagc 180
ctcttccgat gaaaacttcg attacgatcg cccccagtac acctcttacg ctgaactctc 240
tgcttatgg 249

<210> 25052
<211> 247
<212> DNA
<213> Glycine max
<223> Clone ID: 700906860H1
<400> 25052

tggaaaagct ccattgcttct gtgctcgccc ttgtattcct tcttgtcata ctatttcagg 60
aaggattggt aacatgtatg aagaatgaag acggatcaga agaatgggga tatgtgcaag 120
ttagccaaaa gccacttgt tctggtggct ttacagaagt ccatacagag tggagaatcc 180
ctccaagcct tggccaatca ttctctggct tcagggagga ccaggctctt caggagtggg 240
gtttgga 247

<210> 25053
<211> 140
<212> DNA
<213> Glycine max
<223> Clone ID: 700906861H1
<400> 25053

aatcaaaagc catggccacc tccaacttct ctattgttct ctccgtctcc ctagccttct 60
ttttggtgct acttactaag gcacactcga ccgaaaccgt ttctttcacc ttcaacaagt 120
tcaaccagtc cacacaacat 140

<210> 25054
<211> 247
<212> DNA
<213> Glycine max
<223> Clone ID: 700906862H1

<400> 25054

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 gaacaagcgc atctccaaag ggaaaaaggg tggcaagaag aaggcagctg atccctttgc 120
 caagaggatt ggtatgacat taaggccctt tctctttttc aagtgaaaaa tgttggcaaa 180
 accctcgtct ctcgtagcga gggtagcaag attgcttctg aaggacttaa acatagagt 240
 tttgagg 247

<210> 25055

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700906865H1

<400> 25055

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 ggacgtggtg ggaaggccta tgtagcataa tatataatac aagtaataaa gtatgcaata 120
 tatagatgag tgagagtgtg atagtaagga gaaaaagaaa gtggtatata ttgatatatg 180
 tgtgtatttc ctttgggctt gaaactcaaa actataataa tgggttcttc ttctctccg 240
 gacacta 247

<210> 25056

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700906873H1

<400> 25056

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 tcattctcct ttttgagact tctaataatc tcagggtttt ttgggagaat tggctaaaaa 120
 atggtatatg atccgtgttt gtgctatgat gttattttta ttttttcttt gtttaatgg 180
 tctgaatgtc tctgttctta ctgcgatttt tacacttttc caattatatt aaagggtcta 240
 ccacag 246

<210> 25057

<211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906874H1

<400> 25057

gaacgatact ctctcagaac gtgagttact tgaagattac ccactttttac ggccttttgta 60
 agttgtgaag gtatgcttgt cattctgctt cttagccttct agagctatga actgaaattg 120
 ggtgtgattg cacaattaag gatcatctcc agtagtactg aaataatatc gttaaaactg 180
 atgagattgt cctgctactc aatctgcaag gcaattttca gctgcggtta atgacgttgt 240
 atcac 245

<210> 25058
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906875H1

<400> 25058

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 gcggcgggcg cgtcttcgcc ggagagttct acttctagag tctcctcctt ccactcgtcg 120
 ccggctggca gctctacttc aacgagatca aagataccga taagctcggt gtgatagatt 180
 tctcggcgctc gtgggtgcgt ccttgcaa atcatagagcc agcgattcac gccatggccg 240
 aca 243

<210> 25059
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906876H1

<400> 25059

gcacccagcc gcagcagcaa gtgatcgaag cgaaaagaga gtaatcagca gagaaattca 60
 tcgtcgtagt tatgggtaaa gtacacggat cacttgacag tgccggtaag gttagaggcc 120
 aaacccaaaa gtggccaagc aggataagaa gaagaagcca cgtggccgcg ctcacaagag 180

gatgcagtat aatcgccgat tcgtcaccgc cgtggtggga ttcggcaaga agaggggacc 240
taa 243

<210> 25060
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700906877H1

<400> 25060

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tgccctttta tcttctttct ctctctcttt acactttaac acaccaaata aatgaaaggc 120
gtaccttgcc tagcccaacc ccataagcct ctttcttttt ctctctctca cttgcatacg 180
ttcctttcac tgtacttttt gacacacacg taacacattc atcagaggaa gagagaatga 240
gttcat 246

<210> 25061
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700906878H1

<400> 25061

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ctttaagctc accaaagctt gatgagaagc cactcttccc ttgcttcct actaaagacg 120
ggattgctcg tcggggcaga aagctgttgt ttctggcaac aaaagagggt ttgctgatac 180
catggatggg ttttctcagg ggaagtttgc tggtaataca gggatgaacg cggtgctatc 240
accta 245

<210> 25062
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700906829H1

<400> 25062

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 ctctggaaag gaaattgggt catacaagag aaaagttgta agatcctcgc ttttaattggt 120
 agtgtcaggc caaaaatcag aatggcattg tgtcaaattg agaagcatca aatggaaaga 180
 agccatttac cactattgat gatgttttga taggattggt aaaatggcctt tgtgatcagt 240
 tgaagaaacc ttct 254

<210> 25063
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906775H1
 <400> 25063

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 actgcatgag ctgtgaacag aaagtaaaga aaatcctgca gaaaattgat ggggtgtatt 120
 ctgtgaacat agatgcatgag cgaggggaagg tgatggtgtc agggcatgta gatccagcta 180
 aactgataaa aaagctgaag aggtcagga agcatgccga actttgggggt ggccagagag 240
 gcatgatgta caaccaa 258

<210> 25064
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906776H1
 <400> 25064

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 tgtattctag caaagagaga gcgttccgca gatggtacaa tcttccatgg ttctcttctg 120
 ctattccatc tgccccttat gatcctcttg ctttgaggca tgcctttgag aaggctgtgg 180
 taaaaagggt gatgactgat gtgcactttg gtgttttgct ctctggaggt ttggactctt 240
 cattggttgc agccg 255

<210> 25065
 <211> 256
 <212> DNA

00220-ETFE560

<213> Glycine max

<223> Clone ID: 700906777H1

<400> 25065

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actgcatggt ctgtgaacag aaagtaaaga aaatcctgca gaaaatttct ggggtgtatt 120
ctgtgaacat agatgcatgag cgagggaagg tgatgggtgc agggcatgta gatccagcta 180
aactgataaa aaagctgaag aggtcagggg cgcatttcga actttggggg ggccagagag 240
gcatgatgta caacca 256

<210> 25066

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700906778H1

<400> 25066

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aaaattcttt ctgggcatct cttcaaaaat gtcaagcttc cccaacacgg tggcggtagg 120
ccgcaggtcc ggcaaggcac cggaaaaatc caccttttct cagacttgca gcctcttgag 180
ccagttcttg aaggagaaac gtgcttctgc tgattccacc cttggaattg gtcgaaaaat 240
ggaacctaaa gcgaata 257

<210> 25067

<211> 265

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906781H1

<400> 25067

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ggagcttaat ggggttcccc aaaatggagg aacagaaggc aattcaagaa gctgcctccg 120
aaggcctcaa ggccatggaa cacctcctcc gtctcctatc ctatcaacc tctcacctcc 180
acgctcaata cacttttgtc antttttcca acttcaaaaa actcatctcc ttactcagcc 240

gccgcaccgg ccacgtcgt ttccg

265

<210> 25068
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906783H1
 <400> 25068

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 tttgggagcg acttntntat cacggttata aagcagatgt ttgcattaat actgataacg 120
 gtggcggttgt ttatgctcat tctaacattc ttgccatgtc tactcctggt ttcaggggca 180
 tgttgaagca agcaaattgt catcgtcgat ggccaacaat ctcaattact ggggttccac 240
 atgatgcagt 250

<210> 25069
 <211> 77
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906784H1
 <400> 25069

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 attctacaag gaaattt 77

<210> 25070
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906788H1
 <400> 25070

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 gatactgata ctaggcctaa cctcatgct cctatttggt ctctctgag gtggcatcca 120
 cgaatacaaa cgagtaggac aatggagtgg atgatgctaa atatcccggt gtaagctaata 180

gagggggggtta cccaggtcat ggcgggtggcg gttatcctga ccatggcggt gacgggttate 240
ctggccatgg cgg 253

<210> 25071
<211> 150
<212> DNA
<213> Glycine max

<223> Clone ID: 700906789H1

<400> 25071

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tctttctgaat gataagaaac agcagcctac aaatcggcac tagatcaatt caagaatcaa 120
gttttttctt ctcaaaattg agaggggctt 150

<210> 25072
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700906794H1

<400> 25072

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tcgcatcgcg cgttttgctt ctctttttat cgcagattct ctgcgtcgtc accagactca 120
cttccgtgat tcgaacgcgg cgtggggaag agaaaaccct aatccgacat ggggaagaag 180
aagccgacgg cgagggacga agagaacgcg tcgcagcaag gcggcggcgg gaaatcgaag 240
aagaaggcgg tt 252

<210> 25073
<211> 202
<212> DNA
<213> Glycine max

<223> Clone ID: 700906796H1

<400> 25073

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gctatttggg acagtttgga caagagcaaa tatttcattt agttgccaat cgatctagtt 120

aggtgatgta ttttgatttt gcattttgca ttttgtgaaa cacaattaaa gagaaaatga 180
 agaaagtttag caagttggta tg 202

<210> 25074
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906803H1

<400> 25074

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 atggtgcccc tactcggagg tgaaatgcgc aagttggagg cttgctgtgg aagcacacaa 180
 catctttggc ttgagacca ttcctgaaga gtgcgttgaa gcaacaaagg aatgaatcca 240
 tggcgaacaa tatagat 257

<210> 25075
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906808H1

<400> 25075

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 gtgcttgggt tgggtcactc ttcggtgaag gaagcgggtca tgtacccgag ctacagcccc 120
 aggagaaaga aggttgcttg agaattgatg acgtggcagg agtccaagct ctttacggct 180
 ctaacccaaa ctttactttt agttctttgt tgcagtctca gaattcatta aacgctgccg 240
 ttgggttgga aacggtttc 259

<210> 25076
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906809H1

<400> 25076

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 ttccctccat tcaatcatca aaacattctc ctttagcaac aatggcaggt gcaatccaaa 120
 aactaccctt tgaacaatcc aagaggaccc aaataagttc tattaccatt tcctctacaa 180
 agccacacta gtctcatctt tcttcgttat catcccattg tttccctcac aggctcctga 240
 attcatcaac caatcgctcc tc 262

<210> 25077
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906810H1

<400> 25077

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 ttgaaagcaa tgtctgatca atgtgttaag cttgcaaggt tgttttcaac agcagttgac 120
 tttcctaaaa ctgggtgtcca gctgttatac ctctgaact tcattgtcaaa gaatatcctg 180
 acttcatgga gaagcctgac aaaccacat acaaatcgca taacgtgata ggagagctct 240
 ttagggaagt gaaaga 256

<210> 25078
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906811H1

<400> 25078

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 ttctcagcga ttcttgcttc aagttccaga aatgggtgtg gcacaaaaca ttctgatgc 120
 ggaggaggga accttgagat tggaatggaa tacagaactg tttctggagt tgctgggcca 180
 ttgggtcattc ttgataaagt taagggaccc aagtttcaag agattgttaa cattcgctta 240
 ggagatggta ctactcgg 258

<210> 25079
 <211> 257
 <212> DNA

<213> Glycine max

<223> Clone ID: 700906814H1

<400> 25079

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 tttattacta caaactagat aactaataaa gtatagtttg tagtaataaa taaataagca 120
 tactctttta aatgatctat actttattag ttatctagtt tttattgaac gagatgtgtc 180
 acttgcactc atggctttgt ggtttgagat ctcaaaccat ataagtatgg gttcgattgt 240
 tgcatacaaca aaaaaca 257

<210> 25080

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700906817H1

<400> 25080

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 attaacatca ttaacaccat atcaaagtga aaaatatagg ctaagaaaac attatattga 120
 gacattcaga atttagatta tttttcatat acattttctc tcatgcttta tattttgttg 180
 atgctcttgt gtccagtttc acacctaate tgactattta ctttgtttat tgggtactgtt 240
 atttcagata tattgtca 258

<210> 25081

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700906818H1

<400> 25081

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 tgttggtgggt tgtgtcatta tgccacacaa tgtattcctg cattctgctt tgggtgcaatc 120
 aaggaaggtt gatctaaaaa gataggtcgg gtgcaggagg ctctcaacta ctattcaatt 180
 gaatcggcgg cggcacttgc agtctccttc atgatcaatc tatttgtcac aacagttttt 240

gctaagggtt tttatgg

257

<210> 25082

<211> 124

<212> DNA

<213> Glycine max

<223> Clone ID: 700906821H1

<400> 25082

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tactaggcac agcgtcatcg gttttctacc cccattactc ttgtttgctc gttctctgcc 120

ggtg 124

<210> 25083

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700906822H1

<400> 25083

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gtttgcagag aaaatctgaa tcatgtcgtg gcaagcgtat gtcgacgac accttctgtg 120

tgacatcgaa ggaaccacct cactcacgct gctatcatcg gccaaagacgg cagcgtttgg 180

gctcagagta ccgacttccc tcagttcaaa cctgaggaga taactgccat catgaatgac 240

tttaatgagc ctgga 255

<210> 25084

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700906823H1

<400> 25084

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cccaacctca tcataatagg gtttctctct caaccaccac aagtatctgt cccgccggct 120

cccttctcga ttcgtcttag ggtttcagga ttccacttgt ccccttctca attctcttgg 180

atccattgcc gtcacgagg gagatgaagt ttctttgcag aaggctctga atatggttca 240
caagaataat catg 254

<210> 25085
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700906824H1

<400> 25085

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cccttcaatt aatctccatc ttaggtttgt gtctatctta caataatgat gttgatttgt 120
tgagacaact tcgtcggat ttccagtcat cagcaatatt ttccattggc actttaattt 180
cctaccctag ctagtgtgat ttgtgttttc ataatgaca atctggacca agccacaaaa 240
aaatattctg cc 252

<210> 25086
<211> 96
<212> DNA
<213> Glycine max

<223> Clone ID: 700906825H1

<400> 25086

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aggagaaaa acaaccaccg tccaaaccac cacaca 96

<210> 25087
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906826H1

<400> 25087

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gaaatcaata gccaacaggg aatatggcta cggtgggctt ctttgcattg acatgggaac 120
ggtggagagg gaaacctgtt aatggctcac ttgcaaatg atgctcaatt tggattcatg 180

gctgttagct tggggtatta tgagaccctc atgtcctgct ctggtagcag cactagcagt 240
gagatgactg agg 253

<210> 25088
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906827H1

<400> 25088

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ttgtctttgg tcatcttata tatgttaatt ttgttgctta ggttcaagaa gacctcagct 120
tcatccaaca gtggagtcct tcttcataga ccacstcaac cctttgctac cgaagcctgc 180
cttgtcggag cactcaacct caaacccgc ctctcctct gaacacatcc ccgccgtcat 240
gtataccgtc gtg 253

<210> 25089
<211> 260
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906774H1

<400> 25089

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ttccatcgtg gacccacgca acatccacct cctaanaaca ttgatccagt gcaacttccc 120
accttatgga aaggatcttc agggaggcta cccaacgggt cgattttgca atggaaaaat 180
tcctactgac ttaatagttg aacaattggg tattaaggag tatttgcctg catatttgga 240
tccgaatctc aaatctagtg 260

<210> 25090
<211> 97
<212> DNA
<213> Glycine max

<223> Clone ID: 700906735H1

<400> 25090

ccttactctc cagcgctac tcatatcaca gatcatggat aattcatagt actactatctt 60
cgtacaagta ttcacgaacc attccattcc aatttcc 97

<210> 25091
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700906736H1

<400> 25091

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actgttatgc catatctcct aagaagggtc gaagagaata gaggaatgtt ggctgcttcg 120
ggctttgaca ggcaactgat gaggaaggag ttgggaagga gactaaaagc tgctgtcttt 180
taatttttta tacttttatg ggacgagtta atgagatgta ataatgtctt ttaggcaaca 240
caggattagg atactctttg taca 264

<210> 25092
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906737H1

<400> 25092

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acgctgtgaa taattccaat ctgtttaagt tggctatcaa gcgcaatttg caggtctata 120
tatgcatca gacatttgat cccactcagt tttatgcatt aggccgtcct tgcccaagac 180
ttttagcaa tgaaaccaa gaaagcatat acttctgttt aaattctgtt aaggaacaag 240
gaaaagtaac tgaaaccaa tgtaacaa 268

<210> 25093
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906741H1

<400> 25093

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 accggagcca gcggcgccat cggatcatgg gtggtcctac tcctcctcca gcgtgggttac 120
 accgtccatg ccaccgtcca attcttctag gatgaaaatg agacgaaaca tttggaggaa 180
 atggaaggag caaagagtca tctccatttt ttagaaatgg atcttcttga catcgactcc 240
 attgccgctg ccataaaggg ttgttc 266

<210> 25094
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906742H1

<400> 25094
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 tgaaatctaa caccgagcgt gtagatagtc tatgaaatcc aattaaatgt tcttctgaga 180
 acaaagaaca taagataaca aacagaaagc gcttataaat ggctttccac gaccatctac 240
 cgtccgaaat cacgttccag ccgttt 266

<210> 25095
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906743H1

<400> 25095
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 cccttatata attaatgcaa attggatttt gattatagga tatgtttcca aaaagattca 180
 acgtactttt tatgggtata cgataaggaa aaaaaaaaaa aaggggtgtc cgcggactag 240
 agaccccttc acccggg 257

<210> 25096
 <211> 260

<212> DNA
 <213> Glycine max

<223> Clone ID: 700906745H1

<400> 25096

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 tgtacgatac tgtcgtagtg ctaaaaagca taatatatga attttttttt ctccttttct 120
 ggagaatata tataggagca caatacaatc tgagtcagaa tcagataagt gttggtttgt 180
 gtttttgttg agaagagaga atggctgtgg cgtcgtcatt atcccttatt acgttgaagg 240
 tgaaaacctt gcattatcgg 260

<210> 25097
 <211> 86
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906746H1

<400> 25097

cttttgcttg tgaggaagga gaaactctag gggaatgaaa ggtcttcaaa agaggacttt 60
 aacactctac ttgccacact acatac 86

<210> 25098
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906747H1

<400> 25098

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 tgggtgctgac atgatccgct agcactaatt ggaatattag gagttaaccc ttcgaggggg 120
 gaaaacacaaa ccaattcaac caaatgcata ccatgcctcc taaaggcacc ctaactttaa 180
 tattccttca ccatgatgtc ctttctttca acaacagaga aactcgtta atcacaccct 240
 ctccacacaa ca 252

<210> 25099
 <211> 269

<212> DNA
 <213> Glycine max

<223> Clone ID: 700906749H1

<400> 25099

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 tccacaactc ttccatcttc attgcttcca agactccctc tcactacctc gcttgggacg 120
 tcggctctgg gagcgggcaa gctgccaaat ctttagctgc aatatacaag aatgtgatag 180
 ccacagatgc tagtgacaat caacttgatt ttgcagccaa gtccccaaat gtgagatacc 240
 aacacacccc ttcaaccatg tcgacggcc 269

<210> 25100
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906750H1

<400> 25100

caatTTTTca tttgaaaata ataaaaccct aaaagagggg ttgcaagcaa aatgtgaagc 60
 tcgaagatgt ggatggTTTT catgtgtctg acggtgagct tcttcgctcg cattgaatcg 120
 ctatccgtga cgggtgaacga cgtcgagtgc gtctacgagt acgtacttta cgagggcgac 180
 accgtttcgg ggaactttgt tgtcgtcgac catgacattt tctggagctc tgatcacccc 240
 ggcattgatt tcacggtgac a 261

<210> 25101
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906752H1

<400> 25101

caaattgcag gtacatatgc acaacttggg ggataggaat ggatattaaa gatgatgtaa 60
 aaagggagga ggtgacaaca cttgtgaaag aaatgataat cggagaaagg gggaaggaaa 120
 tgagacaaaa gtgtctggag tggaaaaaga aagcaataga agccactgat atgggaggat 180
 catcatataa tgatttccat cgattagtga aggaggttct tcacaatgat gttgtttgag 240

tctttcaata tattgggggt ccgaa

265

<210> 25102
 <211> 135
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906753H1

<400> 25102

gcgttcttca atttattttc tttctgcac tcatggatgt ctccacacac tctacataga 60

ggactgtcgg agtaacacct tctgatcctc gaaaatcact tccacaatgg ggtcgtcaga 120

tccacaccac acaac 135

<210> 25103
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906756H1

<400> 25103

ctcgagccgc tcaaatttgc tatgtaggat tatgggaagt gtccaattac tggagaacca 60

cttactatgg atgacattgt accaatcaag acaggcaaga tagtgaaacc cagacctgtt 120

caggcagcta gcatccctgg catgcttggga atgttccaaa atgaatggga tggattgatg 180

ctatctaatt ttgcattgga gcaacaattg cacacagcaa gacaggcgct gagtcatgct 240

ctgtatcagc atgatgccgc ttg 263

<210> 25104
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906757H1

<400> 25104

ctttaatcac gcactatcag tacaacaact cactcactaa gctaaccaat ttcataaagc 60

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gttcccatct gaatggatca ctcttgggaa gcacaaaagc ttcttttctt agtgggagga 180

aactgaaggt gaacagtttt acagcaccag ttggagcacg agccagcact acagtgcccc 240
cagttgctga gcctgatagg 260

<210> 25105
<211> 93
<212> DNA
<213> Glycine max

<223> Clone ID: 700906759H1

<400> 25105

cagacacgta cgtacataat taagcagtag tggactaggt agtacgtact ctagtctcct 60
tatttgtcct taattattgg cacacaattc cac 93

<210> 25106
<211> 75
<212> DNA
<213> Glycine max

<223> Clone ID: 700906760H1

<400> 25106

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aaaactccgt cactt 75

<210> 25107
<211> 208
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906761H1

<400> 25107

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aacgaatcaa ccatagtcca ttaccttctt cccgcgctga aaaaccagtg acagtgagtg 120
aggatctaag ctccaatgga agacgaaatg gcgatgggca cttctcccag ttacttcgac 180
cctcacaacc tctcatattc acaacata 208

<210> 25108

<211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906762H1

<400> 25108

atggccttgta gactcaaagg gtttgattgt tgggtcaaga aaggcttcac ttcaaacactt 60
 caagcagcct tgggctcatg agcatgagcc tgtaggcagt ctcttagaag ctgttaaggt 120
 aatcaagcct acagttttga ttgggtcatc aggagtggga aaaacattta caaaggaagt 180
 aattgaggct gtgacttcta taaatgaaaa acctcttgtc ctggctctct ccaatccaac 240
 ttcacagtgt gagtgtac 258

<210> 25109
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906763H1

<400> 25109

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 caattccttt caccctgtgt ggtggtcacc gaacgagaag aaagctccat ctccatgtgg 120
 cgcgcgcgaa gaagcccctg aacggcgacg acgtttccat ttacactgag ctcttcaaaa 180
 ccgaagtttc cgttttcgaa aataagcccc tcggcgacaa cgatgccgct ttgaagttcg 240
 tagagaagat agaccgt 257

<210> 25110
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906764H1

<400> 25110

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 gcaagtgtag atgggagagg accaagcata tgggacacct acactagaca gcatactgaa 120
 aagatttggg atcatagcac cggtgacctg ggagctgatt tttatcatcg atacaagggt 180

gacataaaaa tagcgaaaga aattgggctg gactctttca gattctctat ctcatgggtca 240
agaatattcc caaaggga 259

<210> 25111
<211> 262
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906765H1

<400> 25111

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tgaaattaga ccgaaattat gttgtgtaaa tagtcagaaa ctatatctca gttattgact 120
atttacacaa cataatttct gaanaaaaaa aaaaaaaaaa aaaaaaaaaa aagggggggc 180
cccccaaat aggctgtcc cccccgggat tattttcggg ggggggttct gggggggaaa 240
cgttttcccc aaaagggggg tt 262

<210> 25112
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700906767H1

<400> 25112

ctctactttt caaagacgca cgcagcgttg tataacccta atcgggtatg tgcaaagaga 60
gctttgtagc acgtgcttaa ggtatgtttt aaacattgct tgtttctttt gttccttttg 120
atgtcatggg ggcattgtga tgcaaatgt gtgtgagctc atactgagaa ggagctcatc 180
tgctaagtcc atttgaagag gatgtatgga agggcatcat caggtcttga taggtttaag 240
aaggctcaga gctt 254

<210> 25113
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700906768H1.

<400> 25113

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 aacaaggctt ctacagtgat tgtggacaaa ccacttctaa caatcatata gaagaatcaa 120
 aaaaacctgc aacatttcat tgggtggtgat aactttgtta agaaagacat ctatatacaca 180
 attaattaaa gcaagaatct tagctttcaa tattatttag caagaggaga atgatttaag 240
 tgaacaagaa gtgccactga cgaa 264

<210> 25114
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906770H1
 <400> 25114

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 caccatatat cacatacagt ctaatttcaa aggatgggta tatgcatgat cctgtaccca 120
 taacagtatc agatcccatc atgatgcacg actttgccat cacagagaat tatgcaatat 180
 ttttggatct tcctttgatt tttaggcttt aggaaatggg gaagaataag aactgatata 240
 tctcatttga ttcaaccaag a 261

<210> 25115
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906773H1
 <400> 25115

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 ctgttgatta aacagaatgt ataaatattg taaaaccttt tgataccatg tttaattctt 120
 atacataaga attaaacatg gtatcaaaag gttttacaat atttaattct tatgtataag 180
 aaaaattatg atgttaaaaa tctagaaagt gacttgaatc aatataaata aatttgtgaa 240
 ttcaatcaca gtttgaatat 260

<210> 25116
 <211> 268

002250" ETTT5560

<212> DNA
<213> Glycine max

<223> Clone ID: 700906734H1

<400> 25116

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actctgatcc agcgactcct aattaagttg ggaacataaa agacttcaaa tttccaagat 120
ggctgcaatc tttgcttcca gatgctctcg tgtgagttct atggtaatgg agccctgaat 180
cttatttttg cggggagggg ggtggagctg gattgttgaa tatgatgcag ccactaattt 240
ggtcgcactg gtacaattgg cagtaaaa 268

<210> 25117
<211> 272
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906703H1

<400> 25117

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ttatgaaaga ggatgagaag aatgttttgg ctgtttttgg taggagcaat atttctgctt 120
tagtccaatt gctcacagca acatatccca ngataaggga gaagacagtt accgttatat 180
gctctctcgt ggagtcagt agttgtgcaa agtggctaatt ttcggaagga gttctgccac 240
ctctcataag gcttgtcgaa tctggtagtg ct 272

<210> 25118
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700906704H1

<400> 25118

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aaatgtagaa .ataaaaataca cagaagaaaa aaagaattga aaaagataaa ctttgcagat 120
tggtctagtc tccctcgagg tatacttgag atggttgctg aaagactgac ctttatcgat 180

tgcttatcaa tcagcaaagt ttgtacaagt tggaatagag ttcttggtga agaacttctt 240
 aggtggcaaa ggcattggatt tccttggttc ttg 273

<210> 25119
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906705H1

<400> 25119

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 attttgctga tgtttacagc ttcatggaa gtgtttttga tccagacaca gaaggccatg 180
 tccagaagct gaaggaaatg gatcctataa attttgaaac tggtttgttg ttaatgaaaa 240
 acctcactgt caattgtct agtcctgact tt 272

<210> 25120
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906706H1

<400> 25120

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 gatgcctcaa cccctctttc tcggaaacca gccgggtccc aatccgatga tcattccttt 120
 aattacatga aattctgccg accctctttc tctgatcgcg ttccctgcat gccatttgc 180
 aagaatcgcg acaccgctt cacacgtgtg gaggtttttg acacacgtgt ggagaatcat 240
 gttgaggttg acgttgtaga ggggtgtga 269

<210> 25121
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906708H1

<400> 25121

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 gtgcttgggt tgggtcactc ttcggtgaag gaagcgggtca tgtacccgag cctcagcccc 120
 aggagaaaga aggttgactt gagaattgat gacgtggcag gagtccaagc tctttacggc 180
 tctaacccaa actttacttt tagttctttg ttgcagtctc agaattcatt aaacgctgcc 240
 gttggggttg aaacggtttc tata 264

<210> 25122
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906709H1

<400> 25122

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 gttttggctc ttgtccctgc accaagcaag agctgcaaag ttccacaatg tgagtggctt 120
 gagagggaaa aagccagttg tagcaaatgg gtgcaatttg ttcttgggaa gttgggtggg 180
 tgacacgtct tatectctct atgactcttc aacatgcccc ttcattgatc ccgagtttga 240
 ttgccaaaag tatggaaga 259

<210> 25123
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906710H1

<400> 25123

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 accctttgcc tttgaaagaa atgggtagtc ttgaagcggg aagaacaaca gtaggattgg 120
 cagcaagaga cccttcaggg attctctccc catacaccta caatcttaga aacacaggcc 180
 ctgatgatgt ttacattaaa gttcactact gtggaatttg ccattctgat ctccaccaga 240
 ttacccatga tcttggcatg tccaactatc 270

<210> 25124
 <211> 268
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906711H1

<400> 25124

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gttccaagtg acgaagagat tgttgatggt aagcctcttc aagtttctag agatattgtg 120
catattcctg gtccaaagag gtctaattta agtttgata agcttataat ggaagcaatc 180
actagcttga aggagaatgg tggttctaata aagacagcta ttgcagcttt tatagaggac 240
caatattggg cactgccagg cttaaaaa 268
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<210> 25125

<211> 264

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906712H1

<400> 25125

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nnatcttagc tattctagct tctgttggtg gaagctaagc aatcatcagt ggaacatttt 120
ctatcataaa ccagagctaa tctctgggtt gttcccaag agttaagggtt gttcatacat 180
ctgacaagat acatgggtcag gtctacatcc ctgaaattaa ttgggttactc atgatcctct 240
gcattgctgt gaccattgga ttta 264
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<210> 25126

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700906714H1

<400> 25126

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ggcttatggt ggatacctag gcacccagag attaggaagg gcgtagtaag cgacgaaatg 60
cttcggggag ttgaaaataa gcgtagatcc ggggattccc gatatagggtc aacctttcga 120
actgctgctg aatccacggg caggcaagag acaacctggt gaactgaaac atcttagtag 180
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ccagaggaaa agaaagcaaa agcgattccc gtagtagcgg cgagcgaaat gggagcagcc 240
taaaccgtga aaacgggggtt gtggg 265

<210> 25127
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700906717H1

<400> 25127

acgcctcttt tgctgggtcat tggccccaac tatcattcaa gcatatttat ggccagagag 60
cactgggttcc tgggttctatt atcatcgatg gtgggttctgg ctattgcaaa tttgggttga 120
gcaaatacgc atatccatca gggcggttcag caacattttt ggaatttggt aatattgagt 180
caccaatgta tactaggctt cgacattttt ttgcaactat ttataacagg atgcaggtga 240
aaccaaataa acaaccagtt attgtttctg tg 272

<210> 25128
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700906718H1

<400> 25128

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tggaagctta cataataaaa tctgttatgg acaagaatcg tttttctgct gatatgaatt 120
ctgttaccaa ctccaaagag aggggacagg tctcatctac acgtgttcgt gaagcccttg 180
ccgtagggga cctgaagtat gtctcagagc ttttggggag gcctcatcgt ctcatattaa 240
tggccactga tcaagaaaga ttcagtactg 270

<210> 25129
<211> 106
<212> DNA
<213> Glycine max

<223> Clone ID: 700906719H1

<400> 25129

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attgaattgt tgaagagaaa cctgaaacta caatttcacc caccct 106

<210> 25130
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700906720H1

<400> 25130

cgacaaacag atagtgtggg agagagaaga gcggaagaga aaatgacgac caggttcaag 60
aagaacagga agaagagagg tca^ucgtcagc gccggacacg gccgtatcgg aaagcaccgc 120
aagcatcccg gaggtcgcgg taacgccggt ggcatgcac accaccgtat cctcttcgac 180
aagtaccatc ctggtttctt cggaaggta ggcatgcgct acttcacaa acttcgcaac 240
acattctaca atccgatcat caacatcgac a 271

<210> 25131
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906721H1

<400> 25131

cgcgattata gtcttcgcta ggcgtggttg ttgcatgagc catgttgtga agcgattgct 60
gctgggtctt ggggtgaacc ctgcggtgca cgaggtggag gagagtgatg aagtgggtgt 120
tgttagagaa ttggaagcaa ttgtgggtgc caataatgga gggaataaga tgcaatttcc 180
agcagttttt attggtggca aattgtttgg gggattggat aaggtaatgg ctactcatat 240
ttcaggggaa ttggttcaa ttctcaa 268

<210> 25132
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906722H1

<400> 25132

cgtcaagtgt ttctgtttct gttttaatgg agataaccaa acttggcaag agatttcaag 60
 gtaaggtagc tattgtgaca gcttccaccc ttggaattgg ctttagcata gcagagagggc 120
 ttggcttgga ggggtgcatct gttgtcatct cttctcgcaa acagcaaaat gttgatgagg 180
 ctgctggtaa actgagagct aaaggaatcg aagtattggc ggttgtttgc cacgtttcaa 240
 atgccaaca aaggaaaaat ttgataga 268

<210> 25133
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906724H1

<400> 25133

tgaagaactt attcaagcta caaatgtgaa ccatgatctt gaactactta caccaccagg 60
 ctctgatgga gaatatacaa aatcatggtt cacatatgaa gaacttattc aagctacaaa 120
 tgggttttca gcacaaaatt tggtgtgaga aggtggattt ggctgtgttt ataaaggttt 180
 gctgatagat ggaagagaag tagctgtgaa acagctcaaa attggtgggtg ggcaagggga 240
 acgcgaattc agggcagaag ttgatag 267

<210> 25134
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906725H1

<400> 25134

gtttacatca aaatgaagaa acccaatgct gcgatccgtg atgctaagtc tgctttggag 60
 attaatacctg attctgctaa aggatacaag tcacgtggcg tagacgagca atgcttggtc 120
 aatgggaaga agctgcaaag gatcttcatg tggcttcaaa gttagactat gatgaggaaa 180
 taaatgctgt acttaaaaag gtggaaccaa atgctcacia gattgaggaa caccgtcgga 240
 agtatgaaag gctgcacaaa gaaaga 266

<210> 25135
 <211> 266
 <212> DNA

<213> Glycine max

<223> Clone ID: 700906727H1

<400> 25135

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ctcacggagg cagcagtacc accgtgcacc acgtgggtca cgagtctcac caccacaccc 60
cccatccgc tttctcctcc cacaacaacg caccctccac cactgttcat tccctgagcc 120
accaggttaa caccggtggt ctctcgacca aaccactgt cagggttttc accaaagcta 180
atcccaattt ctctctcacc attcgtcgcg gccaaagtc tctcgctccc tccgatccca 240
ccaatgagta ccagcattgg tataag 266
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<210> 25136

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700906728H1

<400> 25136

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gcttggacga gtgaattaga ttcacatca agatgtcgtc tctgatagca gaagatgtga 60
agagcagatc acaggtgtac cacggggtcg aaatgtgcc agtgaagtcc aaggagcttc 120
tcatggaaat cgccctccc aacggccttc tccccctcaa ggacatggac gagtgcggct 180
acgacagaca aaccggcttc gtctgggtca aacaaaagaa gagttacacc cacaagttcg 240
acaagatcgg aaagcttgtc tcct 264
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<210> 25137

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700906730H1

<400> 25137

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gaacattgca cctgcaactt caacttcact tctccgttct aacactcgcc ttgttcctta 60
tcaagacatg gagacagacg gctttcggtg tttttgggta cctgaatttc accaaagctg 120
gcttccttga tcattctaag aaattcaacc cagaggacat ggtattacga ataccaggga 180
agaattgcat tgttactgga gctaactctg gaattggcta tgcaacggct gagggctcttg 240
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caaagcgtgg cgcaactgtc

260

<210> 25138
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906731H1

<400> 25138

caaaccgttc atgcttaatc aagttgggaa caacaaaaaa aatcaaaaaca atgtttcttg 60
gtttcggttt catttcatca agatgatctg tttatctttt tttttttaat tttaatttaa 120
agtctttgta ttttgtatgt aaagatgtaa aattatgatt attaggtggt gcatgtgttg 180
cgtcatgggc caatgttatc ctctgctttt aagttggaag aggcccagct cacgtgtgat 240
gtacggctgt gattgtgtaa tt 262

<210> 25139
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700906732H1

<400> 25139

cttcattgta gatctattgg gcaaatggaa ggagtctgaa tatggagggtg gtcagtctgt 60
tctgtttggt ggtattgcat actacatcac tgcaccttcc agcttagctg atatggcagc 120
caatcctttc catgcattat tctaccttgt gtttatgttg tcagcctgtg ccttgttctc 180
taaaacttgg attgaagtct ctggttcatc tgctagagat gttgcaaagc agctgaagga 240
acaacaaatg gtaatgcctg g 261

<210> 25140
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700906702H1

<400> 25140

tggaagacaa aacacaagac agagtcattc agcaaggctt gaaacgagaa gcgaggatgc 60

ccatcagatg tattctgcat tggcaaccga accaaggtag cgttgtgaac agccaagtcc 120
 tgaatgagat ctgcagtg gcgaaagcc ttaacggcgt caaagaagga agatgcaaag 180
 cctccctcac tttctacaga cccaatgtac gagatcaatc ggtgaccatc gattttcctc 240
 gcgattttct ggggatatcg atgctggagc agccg 275

<210> 25141
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906636H1

<400> 25141

gcgaacacca tggatgtggg gaggtctgtg ttggttcaga ccgagccccg aacgaggttg 60
 cctcccgga cctgggggac catgggggtt ggtcttggtt attgtattgc tgccgcggtt 120
 gcttcgcccg agcggcttgt ggttgcggtt gaaggggatt ctggatttgg gtttagtgct 180
 atggaagttg agacgttggt tcggtaccag ctgcctgtgg tcgtgattgt tttcaacaat 240
 ggtggtg 247

<210> 25142
 <211> 172
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906638H1

<400> 25142

aagcaagcaa tggctattac tacaccttcc aattcttcaa ttctcatctc cttttctccc 60
 atgctcatct ccataccct cgctgagtcg caatctttca tcggagtaaa ctacggccag 120
 gtcgccgaca accttccggc gccggaggac acggccaacc tcctcaaata ca 172

<210> 25143
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906642H1

<400> 25143

ccaggacttc gacatgatca ccgaccagcg gagaaacgag cagagggtca agatgaagaa 60
 gaagatcctc atcagcgtac tctccgccgt cctcgtcgcg tgcgtcgtag gcgccgcggc 120
 attcgtcgtt gtccaaagaa caggcaccca tgcacagcac gctaccccaa tgccacagaa 180
 cccccccac ctccccgtgg atcagaactc caggatgggtg aaaatgatct gtggatccgc 240
 agaacacaaa g 251

<210> 25144
 <211> 85
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906647H1

<400> 25144

cagaaagaga caagaagaag aagatggagg tgagtttatc ctcaacatca tgtataccct 60
 taagctcgaa gttgaagcat aagca 85

<210> 25145
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906648H1

<400> 25145

gttccgttca gcatcgctcc actctctcag acgaggttgt tcatatgtga tgaactgttg 60
 aaagatgttt gaatgtggtc ccaagtcaga atacatgggt gccagcggg aaaatttttt 120
 gaggttggag gccttggatt ctacactatg ttcattccact gatgccggag ttataaaatc 180
 tggatttaat attgataaat taagccatgg tcatggaagc agcacaactt ctaggtcttt 240
 caaaagggga atgag 255

<210> 25146
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906650H1

<400> 25146

cgcaagcacc tccctatctc ctaagcaagc aattgccctt aacctcaca atcttctct 60
 ttctctcaca gccattgatt ctccatggac gaatcggagc aataccgaa ggagtattac 120
 cctaacgacc aaacaatcac cagaagagtc tctcgtcct cttcgacgac cagcgtccac 180
 gtgacagccc tagacggcct ggtgaacgtc aactccctct tcacaatcgc agtggtcgtg 240
 ggctctc 248

<210> 25147
 <211> 87
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906655H1

<400> 25147

attgtggcta cccatagtgt catatagtgt catacagcaa caaacacca gcaacacaca 60
 acaatgggtt atcttatggc aggatgg 87

<210> 25148
 <211> 78
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906658H1

<400> 25148

atggtcgaaa gcttgagcca gagagagtag gtttgtgtgt tgagggttaatt tattattatt 60
 attgagtatt gagcatgg 78

<210> 25149
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906659H1

<400> 25149

tgacagtgtt agtttgcgct ttgtgttcag gttggttgtg ctgtacattt tgtttgtggg 60
 ttgcgttgtg gtgtcgacgt cgcctctccc ctccgtcacc gtcaaaactaa tgggtgtgat 120
 tgtttcgttt ttgggcgtct tgtgtttgat tttgggagtc atagctgaga acaaaaagcg 180

tggtggtgga atgcccgtgc ccgtgaagga tggtgtgaca tgcaagttgt cagccga 237

<210> 25150
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906662H1

<400> 25150

gtctgctacg gcggcatgat cttgtcctac ctcgtcgtc tcgcccacga gcgccgccac 60
 ctctacacg cctaggacca ccattcgcag catcactgat tccatccacc ttcagcacga 120
 tcttggttga attggaggtg gttagcttgc ttgatctttg ttttaaaatc tgaaaaatca 180
 aggcagaaag atactgtcag cttctgtgta tttcatcatt tggatgataa aataagtcac 240
 atttgataca 250

<210> 25151
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906664H1

<400> 25151

attatttctt ctttatgtct ccgttttagt tgctatggaa aatactaaga agcgagaggt 60
 gagggagggg gaagatgacg acgacaaccc tgaagatgga gaagttttac gcgctgttaa 120
 ggagcttccg agacgcgcgt gatcggcggc gaagggaggt ggaaaaagaa aaacacgaga 180
 gccgccacag ctggaagaag atgaagacca ccgccgcaac aaccaaggac aataaatcac 240
 aagtttcttt tgaatttca 259

<210> 25152
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906667H1

<400> 25152

tatagtttga atttaattgc cgagacattt aattggagtg atgatgccta ggcttgtgag 60

ctttccttgc ttgcaaattg tgtagatttg ttgttggttc attatttgtg gatttcagat 120
 tcatttttag taggtttttg gattgaaggg cacattcctg ctgtcccctt aacgttggtc 180
 aaaaagcttt gcctaaagat tttgtttccc cctcaaaaac aaatgcaaaa gccattgtat 240
 gaa 243

<210> 25153
 <211> 239
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906669H1
 <400> 25153

gtgccagctg aaggaaggtg atgttggtgc caagatgcca aaggaagctt gcatcaccac 60
 aaagaccagt ggggcacgta agatcattga agaggctggt ttggatgggc atttggggct 120
 tgcatttgct atcatgtatg agagaagctt ggatggggac tctccttttg ctggctacct 180
 tcaactcttg cctcaccaag agtgtgtgcc aattgtttgg accctcgatg aagtaaacg 239

<210> 25154
 <211> 160
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906670H1
 <400> 25154

catcgaacag ttgggtgatc accgtccacc gactttgcgt tgctcgctcc ctactctgtt 60
 atgctgctcc ttactttctg atttcaaggg cttaaaccct aaaaaggacc cacggcgaga 120
 agcttccaac tctctctca cgagcggatc tccacctccg 160

<210> 25155
 <211> 170
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906672H1
 <400> 25155

aacctcttg ttccttcgat tcattccatt tcttccacaa tggcaacaga cacagttcgc 60

gttctcgtca ctggagccgc agggcaaatt ggatatgtc cacgtcccta tgattgctag 120
 gggagtgatg ctgggtcctg accagcccgt gatcctccac atgcttgaca 170

<210> 25156
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906674H1

<400> 25156

agaaaagaaa gagaaataag agagagaaag ttcagaagag gcatcaattg ctagctccaa 60
 tatattacac cactgcaaaa tccactgcag cagagatcat tgttcattat cacagaaatg 120
 ggtgaagaga acaaggaaga agaaaggaaa gaagagacca cagaggaaaa gaaggaagaa 180
 gagcaaaagg atgaagagcc cccagagata gtactcaagg ttgatatgca ctgtgaagct 240
 tgtgca 246

<210> 25157
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906676H1

<400> 25157

atctgctacg gcggcatgat cttctcctac ctogtcactc tccccacga gcgcgccac 60
 ctctccacg cccaggagca cgatcagcag catcactgat tccatccacc ttcagcagga 120
 tcttggttga attggacgag gcccatTTTgc ttgatctttg ttttaaaatc tgaaaaatca 180
 aggcagaaaag atactgtcag cttctgtgta tttcatcatt tggatgataa aataagttct 240
 atttgatac 249

<210> 25158
 <211> 135
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906677H1

<400> 25158

cggtctgagc tcgagcgaat tcggatcgag caagccacaa attagtactc tcgtaagtcc 60
 ccttgctcac tgctaattgg gcacaatgga aaagcttcat gctgtgtgca tcccatatccc 120
 agcacaaggc cacat 135

<210> 25159
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906678H1
 <400> 25159

ggacggctgc tacaatgctt gtaaagagga ggacttattg ccttgagatg aactcattct 60
 gaagcgtttg tgaggggaatg cagaatcatt tgaaaaggga gaaaatgtta agttcttcat 120
 agaaggggaat cacaaaactc aaattttctt gggcggacat gaagtgggaag cagcttggtc 180
 gctggaatct tgctctttcc agcttctgaa actatggccc acatttgagt agttactaaa 240
 ggagctgca 249

<210> 25160
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906680H1
 <400> 25160

ggcggcatgg cattctcagc agtctggcga ctagcgaatc ttgggcgaca cttggatttg 60
 agtgaatcag tgaacaaggc tccaccagtt gggatcaatca agttgaaggt agcttcagag 120
 gtttctgaag cattatcact gggctcgtgct gttgttgctc ttgaatctac cactatttcg 180
 catgggatgc catatcccca aaatttggaa actgcaaaga cngtggaacg tattgcaaga 240
 gagaacggtg cag 253

<210> 25161
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906681H1

0953113-03200

<400> 25161

acagtattct tttttattgt gtttttcttc tgcagagaag agtccccccc tccccccgc 60
tggcgaaggc ttgattccct gtttcaatcg cattatcggt gagaaaatcg tccctcactc 120
caagacaagc gccggcattc tcttccctga gaagtcctcc cagcttaatt ccggttaaggt 180
gatagcgggt gggcctggat cacgtgacca ggcagggaac ttgattccgg tgtccgtgaa 240
ggaagggtg 248

<210> 25162

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700906683H1

<400> 25162

ctgaaatggg ttctttacaa gaaagaatca gttctaccac acaacggcca ccccccttcta 60
ttcacacagt ttatgtaccc gcacacgatt taaccgatcc tgcgcctgct acgacatttg 120
catctttaga tgctactact gcactatcaa gaggattagc ggccaaaggc atctatccag 180
cagtagatca tttagattca acctcaacta tgctccaacc tcgaatcggt ggc 233

<210> 25163

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700906685H1

<400> 25163

aaacgactcc aagtaccgcc ctgcgtgctc caccatcctt tcaatttggt ctgcataggt 60
tatgcgctat gcaacacagt gccatggaag cctccaaatt cagtaacagt gatcaaaacg 120
ttcgatgcca taactgcgca ggaccccttt ccaaagacat ggaaaccagt cactggaccg 180
cttcgcctct cattagggat agcttctcca tgattggttc tgccgttggc ggcgtggcaa 240
gtg 243

<210> 25164

<211> 245

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906690H1

<400> 25164

gtcacttaat gttgagatac ccacatatcc accctccacc ccccccacacc gtacaacatg 60
 ggaacgttac acagtagaag atgcatatga aattgtcaac ttcgacaaaa tgagacgcat 120
 aaatgtccac gcaccagtgg atgtccctgg tcatgcagaa tcatgggggtg ctggatatcc 180
 tgatgtttgg ccatcacctt actgtaggga gccacttgat gtttcaaaga actttacttt 240
 tgatg 245

<210> 25165
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906693H1

<400> 25165

ctgcaaaggg cttctccagc ctagtttggt ctcagatctt cttcttccat ggaccagtac 60
 gccaccgcgg cgcagatagg cgagggaaca tacggcgctcg tttacaaggc tcgcgaccgc 120
 gccaccaatg agacaatcgc tctgaagaag attcgctcgc agcaggagga cgaaggcggt 180
 cccagcaccg ccattagcga gatttctctt ctcaaagaga tgcagcatag gaacattggt 240
 aggttgc 247

<210> 25166
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906635H1

<400> 25166

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 attgggacaa aagatacgag tttccttgag ttttgcttga agcaatccag atcagaagct 120
 gagatgcttc ttatagaaaa ccttggatca tatgatcctg accacgaatt cattgataaa 180
 ttcctcaatt acaaggagtt gttaccatca gatgttttgg acatagcttt tcagagtagt 240

aggaatga

248

<210> 25167
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700906695H1

<400> 25167

cataaacgcc gcccaaaacc atttataggg ttttattttc tttgccaaga aaatgagaga 60
gtgcatttca atccacattg gtcaggccca catccaggtc ggaaacgcct gctgggaact 120
ctattgcctt gaacacggca ttcagcccga tgggcagatg ccgagtgaca agaccgttgg 180
aggaggagac gacgccttca acacattctc cagctacacc ggcgccggaa agcacgtgcc 240
tcgcgcgcgc t 251

<210> 25168
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906696H1

<400> 25168

acttttgttc ggtaggcctt tggtgtcacc aatgccacca ttgtactcgt gtccctttag 60
caagtctaac ctagtgggtca gttgctattg cctttgccag agccgtcaca ccgatcgcta 120
gagttgccgt cgaaattgtc attgtttgac tggtattttg ttgttttcac ctaaagattc 180
cacttctact ttttcctttc ttggtggttag tttggggggt tttcaatcct ccatttacgc 240
aaatatagac ggt 253

<210> 25169
<211> 235
<212> DNA
<213> Glycine max

<223> Clone ID: 700906701H1

<400> 25169

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gtggacaaac tcgtgaacat gtccagcttg caaaaacgct ggggtgtgtct aagcttcttg 120
 ttgtcgtcaa taaaatggat gagcctacag tgcaatggtc gaaagaaagg ttctctgact 180
 ttctcactcc acacaacata cgagtttgcg aaatggggat atgctgagat acctg 235

<210> 25170
 <211> 244
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906575H1
 <400> 25170

gcaaaattat cttccgtttc aggattaggc tttcacggtt acagtgaaac atgggagAAC 60
 caaaacgaat ctatctgCGt atctttgCGc tgctcctctt catttccgCC tcttcgtttc 120
 accttctccg cgctttcgat gacgtgatct tttacgCGtc gttcgacgag gatttcgaag 180
 accgttggat tgtgtctcag caagatgagt acaatgggtgt ctggcaacat gccaaagagt 240
 aggg 244

<210> 25171
 <211> 95
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906576H1
 <400> 25171

aacactctca tctggctctt atgtctcgaa tcttctccgc atggaacaag aagaagctgc 60
 accttcatct caacttaatc cccactatct tttct 95

<210> 25172
 <211> 208
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906577H1
 <400> 25172

gtgtgggttaa aagttaagaa gtagcaaaga tgtttccatt cgggcacaag ggtcaaaaga 60
 taaaggggac tatggaggtt atgcagaaga atgtgttga tatcaacagc atcaccagt 120

ttgacgggat cgtcggcacc ggcttagact tcttaggcag tgcactcgat acagttactt 180
 ttttagcctc ctccatctcc acacaaca 208

<210> 25173
 <211> 75
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906578H1

<400> 25173

gcttggagca attaatcggt ttaatgaacg atgtgggtcaa ctgcacaatt tcttgcaaga 60
 tattagaata tttta 75

<210> 25174
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906579H1

<400> 25174

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 aatgtttttg tgggattggt tttatgggat tctagcgtcg ctcgggctgt ggcagaagga 180
 ggccaagatc ttattcttgg gctcgataa cgctggcaaa actaccttgc ttcacatgct 240
 ca 242

<210> 25175
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906580H1

<400> 25175

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 ttgaaatgga atgcagcaga gtggggagat gctgggtcgac ccaatgtttt tgaacgaatt 120
 ttttcaccaa tcagtgagga ggctgacatc atgactcaac tggctgcaca tcaagagact 180

caattaagta cagatcacga tgagtttctg ggaaccaaac aaaggcatga tgatagtaag 240
tta 243

<210> 25176
<211> 131
<212> DNA
<213> Glycine max

<223> Clone ID: 700906584H1

<400> 25176

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gcatgatagt gctgaaacca ttcgaagagc tcttaacott gcgtgtcaat gttgaagatg 120
attcactggg t 131

<210> 25177
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700906585H1

<400> 25177

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tgggatattg actgcaagct ttttgccctg acacttgatg attgttccat caatgatgac 120
atcactctta gaatcaagga gcgagtttct gacaaaaggc cttttttaag tactcggcaa 180
ttacttgata tacgctctga agcacatctc ataaaatcca atgctcaaga tgcaatggac 240
gcattac 247

<210> 25178
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700906587H1

<400> 25178

cttttataat tattttaaaa gttaatttc aatatattat tggtgactcg taatttgtga 60
agttgtttat acgggtcaact aattaaaaat cacccttaat tttgaattat tatattttat 120

atcaaaactca ttgtttttaa atattttcat attgcataat ttcctttatt tttataaata 180
gcattgggtatt ttgtaataata caaaatctta ggtcataaaa caatatttat tgtctaaatt 240
cgtga 245

<210> 25179
<211> 251
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906589H1

<400> 25179

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gtgaagtttc tggaagcttg ttctcgttcc gagtcacttg aggttggtga ctatctgaaa 120
gctgttgaca ccttgattgg taccatgttt gggtttgaag acgtgcagag gttcttggtg 180
caaccctcaa atgaatgtcg ctgattgaac ttnnngttgg ggctacacta tttgcctaca 240
cacacatattc g 251

<210> 25180
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700906591H1

<400> 25180

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aatgatttta ttgttccaat gtcttcccaa tagtcattga aaaaatacgc ttggacattg 120
ttttccctca ctgctgcagg aatgatttca gatccaaagt cattggatgt aggatatctc 180
catttcagaa gcttgagtaa aacatctgtc ttgaatacat aaacccccat agatgcaata 240
t 241

<210> 25181
<211> 244
<212> DNA
<213> Glycine max

atgggggacc gattaccttc tcaagaactt caacagcacc gccgacacca tcacccagct 120
 gggcatgcag gttggatccg gggacacctc ccaagggagc gccactccca acgaccaacta 180
 ctgctggatg cgtcccagag acatcgacta cgaccgcccc acccagacct gcaccacatg 240
 ctccgattt 249

<210> 25210
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906533H1

<400> 25210

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 tccagggccc ggagtttga catcttacct ttaaaatata tcgccgacat gcccatgccg 180
 ccgccggagg ctttacggaa gcgtcccaag ctcaacctca gggactgcga taacgcaatt 240
 gaaaattgag acg 253

<210> 25211
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906534H1

<400> 25211

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 agggacttgt agtgctcct gagcctctgg taggtcctgg tccctccggt cctcggtga 120
 gcacaaatgg gagttgtgtt gatccctcag gaagcgatcc taagacgggt gactctgaca 180
 ggtgcccgtt gtacatagaa gtagatcctg cccgcctggt tgccgtgggg agagtttatg 240
 agggatccac t 251

<210> 25212
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906536H1

<400> 25212

gttccagatg atgaagacag agaattgttg caggaaatca taaacaattc taagttaagt 60
 gaaggatatc tcacccttgc tcgtgatatt gaagtcattg agcccaagtc ccctgaggat 120
 atatacaagg cacatttgc tcatggccgg gctagtgtg gtgcaagtgt tgattcagct 180
 agacagaacc ttgctgcaac ttttgtaat gcatttgtaa atgctggctt tggtcaggat 240
 aaattaatga ctgttc 256

<210> 25213

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700906537H1

<400> 25213

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 cctcgtcgct cccctagcta ttctccttat agaagaagct atagccggtc tccctattct 120
 tcagaccgaa gtaggagtcg ttcttactct cctgactata ggaggaggaa gtcaaactat 180
 ccatatcact ctaggcgaag gtcatactct ccatactaca gccggtacag gtcttattct 240
 cgatatgatc gaca 254

<210> 25214

<211> 100

<212> DNA

<213> Glycine max

<223> Clone ID: 700906540H1

<400> 25214

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 tgtttgaaac ataaaaatgg tttaaatctt ttgccatggg 100

<210> 25215

<211> 160

<212> DNA

<213> Glycine max

<223> Clone ID: 700906543H1

<400> 25215

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 cccctctcgt cgtacttata cctacgacgc cgttcgatgt cgacctcgtc ggagcccctc 120
 accgtggaga cctcgggtgcc cttcacctcc acacaacata 160

<210> 25216

<211> 79

<212> DNA

<213> Glycine max

<223> Clone ID: 700906545H1

<400> 25216

ctttctccga tggctaatacc ctactcttg ttctacagtc tcttctatt atccgccaac 60
 gaagccgcag gagaaagga 79

<210> 25217

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700906549H1

<400> 25217

ccctaacgga gcatgtggtc gcatagctaa atcttacttg aagtacacta cttaaagcta 60
 gagtatgtgt tgtagttata tgtgtcttaa aattgttatg cctaccctat cacaataaat 120
 tattattata ataagagagt atgttgcttg atcatatggc tacaatttgt aagtgatgat 180
 taattaccaa taatcgaatc ttggttaata tatatttaaa aatcaatatt atatt 235

<210> 25218

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700906552H1

<400> 25218

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agggtgaaga agttcaagag gcctcagagt gacaggaaaa tttctgtcaa gacaaactgg 120
 cgcagaccaa agggatatga ttcccggtgtt aggagaaagt tcaagggatg cactttgatg 180
 ccaaacattg gttatggttc agacaagaag acccgccact atctccctaa tggttttaag 240
 aaatttggtg ttcac 255

<210> 25219
 <211> 216
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906554H1

<400> 25219
 gtcccgctctg aggttggtgtg ttgaattgcc tcaaagcttg ttgccttcca gatgcaaagc 60
 tgcttttgtc atgcttcaag agggctactg gccaggattt ggccctgcat gcatgcgccg 120
 ggggtgctcc tctcacattg ctgactccc ttctacctcc agagtgggtc gatcgccctgc 180
 agagtggcct ttttcgcat gatgttaccg cctgtg 216

<210> 25220
 <211> 83
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906555H1

<400> 25220
 aaagaaggcg tcttcataaa cgcctttctt ctccgtttcc gtttcctcgt tcgaattcgc 60
 tttttgatct gcgaaaatga gag 83

<210> 25221
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906556H1

<400> 25221
 gtaaaactct tcaccaaaaa gggcttcaac atcgaagaaa tggatgacat actcgggtgca 60
 cattctatcg gcatggctca ttgtgacttg ttcattcaaaa gggcatataa cttccaaaac 120

acagggaaac acgaccctac ccttaccgtc gaagcggttg aggaattcaa aaaggcatgc 180
 cccaatgtta atacacctaa gtacaggaac cccctgtca actttgatgc aacaccaact 240
 gtgcttgata a 251

<210> 25222
 <211> 144
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906558H1
 <400> 25222

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 cttacttcac attttctgc gctttgtgcc aatacagtca gcacctgaaa gtgccattgt 120
 gacacagatt cctgggttca gtgg 144

<210> 25223
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906559H1
 <400> 25223

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 gtcgccgtcg attcgcagtt gtcgctccga tttctgagct ccgatgcggc agcgattcgg 120
 tctcggataa ttgaaccgaa gccagtgcg atgacccta attccaagcg aactgggctc 180
 atancggtga agtgtggaat gacgctcta tgggataaat ggggagctag cattccaatt 240
 actgtg 246

<210> 25224
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906561H1
 <400> 25224

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 aggtaatgac tccaaaccca gattgtgcat cagtagatac aacgatactg gattctctgc 120
 atatgatgca tgatgggaaa ttcttacatc ttctgtggt agacaaagat gggatatgtag 180
 tggcttgcat ggatgttttg cagataactc atgctgcaat ctccatgggt gagagtagct 240
 ctggag 246

<210> 25225
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906514H1

<400> 25225

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 ccagatcttt gacagtcgtg gcaatccaac cgtcgagggtg gatttgacat gctccgatgg 120
 tacttttgct agagctgctg ttccaagtgg tgcattccact gggatttatg aggccettga 180
 attgagagat ggaggatctg actaccttgg aaagggtgta tcaaaggctg ttgacaatgt 240
 gaacaccatt attg 254

<210> 25226
 <211> 121
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906566H1

<400> 25226

gtggaaacca aagacgggaa atcggtaacg ttttctataa tgagacaggg tattaacggc 60
 tagaaacgaa ggaaggagta acatacaatg gaggttcaat ttgccctccc attccactaa 120
 c 121

<210> 25227
 <211> 102
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906569H1

<400> 25227

attccccaag agcttgaaga cagatacggg agttggctaa gtccccagtt acagtaagca 60
accagttttc tagtttacat gaagaggttt caataccaca ca 102

<210> 25228

<211> 71

<212> DNA

<213> Glycine max

<223> Clone ID: 700906571H1

<400> 25228

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cagagtttac t 71

<210> 25229

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700906572H1

<400> 25229

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acagcttgac cgagccaaaa aatccacaaa gtctgcagtt ctaatgaatc tggaatctag 120
aatgattgca tcagaagata tagggaggca gattttgact tatggagaaa ggaagcctgt 180
ggaacagttc ttgaaggctg tagatgaaat cacgttgaat gatatcacta aaattgctca 240
aaagatta 248

<210> 25230

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700906474H1

<400> 25230

cgacgtcatc cagggctcca ctgccatcac catctcagat tgccacatga ccaaacataa 60
cgatgtcatg ctgtttggtg ctagtgactc atacagcgga gacaagataa tgcagataac 120

agtggcattc aaccacttcg ggcaaggact ggttcagagg atgccaaggt gcagatgggg 180
tagcgtgcat gtcctcaaca atgactacac ccactggatg atgtacgcaa ttggtggaag 240
ctcagggcca acaattctga 260

<210> 25231
<211> 79
<212> DNA
<213> Glycine max
<223> Clone ID: 700906475H1
<400> 25231

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gatcagggga gtcatttcg 79

<210> 25232
<211> 261
<212> DNA
<213> Glycine max
<223> Clone ID: 700906476H1
<400> 25232

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ttgctccctt ctcttctct tctcttctct ctccaccctc cacatagctt ccaccctctc 120
aacccccacc aacttcatca agtcctctctg cagcaccacc cagtaccag ccctctgcat 180
ccagtcctct tccgtctacg cctccaccat ccagcaagac ccccacgagc tcgtccagac 240
agccctctcc ctctccctca a 261

<210> 25233
<211> 260
<212> DNA
<213> Glycine max
<223> Clone ID: 700906477H1
<400> 25233

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ctgttctgtt ctgttctct ctctcccca tatattctc ttcttcttca gaactcagaa 120

<223> Clone ID: 700906592H1

<400> 25181

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 attaaaataa ccaaaacacg aggtgtcaag ctctctgatt tccgtgtcat caatcaggat 120
 ccaccagcca tttctgatga agcagtcac aaggcagtag agactgcaac aaaagaacta 180
 aacttgacaa gcaagttgat gattagtaga gcctatcatg attcattggt tatggccagg 240
 ttgt 244

<210> 25182

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700906596H1

<400> 25182

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 cctacttccc cgttcccttt caccttcagc aaccgcgaac cactcactac gctgcgccct 120
 acgtcgccgc cccctccgtg caaatccccg ctctccagc cgtcggcccc gttgcgcccg 180
 cccctgtacc cggcgtatac tccgccgtgc cgcaatatca ggacacagcag ttatttgaga 240
 g 241

<210> 25183

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700906603H1

<400> 25183

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 aagtcacgat taaagcaaata acagtttatg gtgcattgag cggttagag acattcagcc 120
 agttgtgttc tttcgattat acaactaaaa cagtaaaaat atacaaggca ctttgttcca 180
 tccaagataa acctagattt gcatatcgtg ggcttatgct ggatacatca aggactatt 240
 tacctattga t 251

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<210> 25184
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700906605H1

<400> 25184

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ctacaatttc agtagcatga caatgccatg cgtacgatat gttccctctc cgaatgaaca 120
ctggctatgg tgcccgact ccggagggtga aatgcgcaag ttggaggctt gctgtggaag 180
cacacaacat ctttggttt gagaccattc ctgaagagtg cgctgaagca acaaaggaat 240
acatccatgg cg 252

<210> 25185
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700906610H1

<400> 25185

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aagttcctga caacgagttt cacaagcgca taagaccaga ggttatccct gcaaatgaga 120
taggggttac atttgcagat attggtgcgt tggatgagat taaagaatca cttcaagagc 180
tggtaatgct tccccttaga aggccagacc tcttcaaagg tgggcttctg aagccatgta 240
gaggtatatt gcttt 255

<210> 25186
<211> 106
<212> DNA
<213> Glycine max

<223> Clone ID: 700906611H1

<400> 25186

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tccatcttca aaccctaatt ccaatccaaa tcccaatacc cacaac 106

<210> 25187
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906612H1

<400> 25187

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 gttgtgaatt ctcttatgac agtgaccaag ataatcatag ttatcattgt catttttgc 180
 ggagcatttg aggttgacgt ttccaactgg tctccctttg ctccaaatgg tttaaaagcc 240
 atatttacgg gagcta 256

<210> 25188
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906613H1

<400> 25188

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 gggagctcct caacatcgaa cctctcgaac tcaagttccc ctttgagctg aagaagcaga 120
 tctcatgttc tcttcaattg tccaataaga ccgatagcta tgtggccttc aaggtgaaaa 180
 caaccaatcc gaagaagtac tgtgttcgtc cgaacactgg tattgtcacg ccacgatcta 240
 cgtgtgatgt tatcgta 258

<210> 25189
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906615H1

<400> 25189

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gggataccca agattacacg tctcggatcg gcgaaagaag gaaacgggtc agcttggagg 180
 cagctagaga aggaggagat ggcgcataaa gttagctcgt aagatcagaa ttcccaaaat 240
 ctcttctcca aag 253

<210> 25190
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906616H1

<400> 25190

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 ctggaaatcg atgacgacct gaagcttcga gcatttttggg acaagaggat ctcccaggag 120
 gttcttggtg atgctctggg tgaggagttt aaaggatatg ttttcaaaat caccggtggg 180
 tgtgacaaac aaggattccc tatgaagcag ggagtgtctga cccctggctg tgttcgactt 240
 ttgctccata gaggaact 258

<210> 25191
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906621H1

<400> 25191

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 acaaggtggg gtcttactgg ttctccaaga aggccagcaa ggaatttaac tctgtcggcg 120
 atgatatcaa ctcaactgtca accagtattg aagggggaac caaatgggtg gtcaacaagt 180
 taaaaggaaa gatgcaaaag gcattaacag agttgctaaa ggagtatgat ctacccatag 240
 gaatctttcc tc 252

<210> 25192
 <211> 58
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906624H1

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<400> 25192
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<210> 25193
<211> 82
<212> DNA
<213> Glycine max

<223> Clone ID: 700906625H1

<400> 25193
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cccttgcttg gtaagcacc gt 82

<210> 25194
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700906573H1

<400> 25194
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tgagatggcg aacgagaacg aaccgcgaa gtgtttgtta ccataccttc aacgcgccga 120
tgagtcacaa aagcacgaac cactcgtcgc ttattactgt cgattatatg ctatggaacg 180
ggggctgaag attccgcaaa gtgagcgcac agagaccact aatgctcttc tggtttcgct 240
catgaa 246

<210> 25195
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906626H1

<400> 25195
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ttcggatccc aggtatttgc ttcttcatga tccttgataa tttcttagta aaatattacc 120
tcttgtgttt ttatagaaac taaagcatac aattcacacc accaaagctc atatgaagtt 180

cctgcaaatg aaatttcatg aggagttctc caatctaggt aatattttgc ttatgattaa 240
 tttatttaag ttc 253

<210> 25196
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906627H1

<400> 25196

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 gcgccgccgt cacggcggtc cgatcgggtga tgctccgggt gcagcaggcg gcggagagat 180
 ccgggtccaa acccgaccgg gtccgggtcg tggcggtttc caagacgaaa cccgtcactc 240
 tgattcaaca actct 255

<210> 25197
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906628H1

<400> 25197

aaattgctag ctccaatata ttaccaccac cactgcaaaa tattctgaag cagagatcat 60
 tgtccattat cacagaaatg ggtgaagaag aagaaaagaa agaagagacc acagaggaaa 120
 agaaggaaaa agagcctcca gagatagtgc tcaagggtga tatgcactgt gaagcttgtg 180
 caaggaaagt tgcaaaagca ctgaaaggat ttgaaggagt ggaggaggtg actgcagata 240
 gcaaggcaag caaagtgg 258

<210> 25198
 <211> 84
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906631H1

<400> 25198

gtgacctacg gcaccattgc cccattgggt gtccccaac agggatatcca catcaatggt 60
 cagtttcccg gccccgaaat caac 84

<210> 25199
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906632H1
 <400> 25199

attcttcatac gttgccaaaa gcgacaaacc aaaattatat acaaaaaaaaa tacttaaact 60
 ccatttttgt cttccacaca cactctccta tactgtttca atttcaacac tctcattatc 120
 ataagattcc caccgaaaaa cctctcacac catggtttct cgccatttgg cttcttcgtc 180
 ttctctgtgt ttctctgttt cgagatctct gtttcgtccc ttcgattgca cggtttggac 240
 caagacgcca aggccacgca tg 262

<210> 25200
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906515H1
 <400> 25200

agaagagtag cctgagccag taccagaacc accaaaattg gttcgtatgg caaatttgtg 60
 tgttgtgggt ggtcatgcag tgaatgggggt tgcagagata catagtgaag tagtaaaaga 120
 tgatgttttc aatgcatttt ataagtagtg gcccgagaag ttccaaaaca aaacaaatgg 180
 tatgacacca aggagatgga tcaggttctg caatccagat ctgagtaaaa taataaccga 240
 gtggataggt 250

<210> 25201
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906516H1
 <400> 25201

cttcaattca ttctagttct ggattccgac tagccgcggt gactcggttc cgttattcat 60
 tctcgcggat ctaatattaa ggaatagctt aagggcacat tacaatgaag gcattgattc 120
 tggttggggg atttgaaca aggctgaggc cactgacact cagtttccct aagcctcttg 180
 ttgattttgc taacaagcct atgattttgc atcagataga agcccttaag gccattggag 240
 tgactgaggt agtg 254

<210> 25202
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906520H1

<400> 25202

aagaaattgc gaagtctaaa gccaaagaag agaagaagaa agtagaggct gagattgagc 60
 tgctcttggt agtagagaag cttcaagagt tacgctccat aagaatacaa aagttgaaaa 120
 aacaaggcca ttttctcca gaggaggatg acaagtttct tgagaaagtt caagctgctg 180
 tggaagaaga ggagcgtgaa gctttggctg cagttgaaac agatgctgct aaagatgcaa 240
 ttgcaactgc tgaggaat 258

<210> 25203
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906521H1

<400> 25203

ctcttctgga tgaattgctt gttgtcattt cttttgatgg atcttatgtc aattacagac 60
 atttggtat tattttgtgat accatgactt atcgagggca tttgatggca attacacgtc 120
 taggtatcaa acgtaatgat actgggccaa tgatgagatg ctcatttgaa gaaacagttg 180
 atattctgct tgatgccgca gtatatgctg agcatgatta cttgagggga gtcactgaaa 240
 acataatgtt aggtca 256

<210> 25204
 <211> 256
 <212> DNA

<213> Glycine max

<223> Clone ID: 700906525H1

<400> 25204

gtttctcctc gttgttcttc gctttcctgt tttcaatttc gattctttcg ttaatttaat 60
aagatgtttg ggagggcacc gcagaagagc gataatatga ggtactacga aatcctcggc 120
gtctccaaga acgcttcgca ggatgatctg aagaaggctt acaagaaagc cgccattaag 180
aatcaccccg acaagggcgg tgatcccgag aagtttaata agctggcgca acttatgagg 240
ttctgagtga ccctga 256

<210> 25205

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700906526H1

<400> 25205

ctcacctctc tctctctctc tccctccctc ctagggtttc acgtttccat gtgaaaacgg 60
tttgagaatc tctctctcat tctctctcta ttttatattt tctttcacgt caattagggc 120
ctattttgct ggcgtgattc tgaaggcttg gatctggata tcttctttgc ttctttgcta 180
tggaagactc ggattcagtt gctacactga tagattctac tacttctaag atacaacagc 240
tgcagaaggc atttgct 257

<210> 25206

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700906528H1

<400> 25206

gtttcgggta cggaaaaggc ttggaaaatg tttcaagcta tcggtgacat tgcctttgct 60
tatgcttttt ctaatgtcct aattgagatc caggacacac tgaaatcaag cccacctgag 120
aacaaagtca tgaagagagc aagtttgatt ggcattatga ctacaacatt gttttatgta 180
ctatgtgggt gcttaggcta tgctgcattt ggaaatgatg caccatctaa tttcctcaca 240

002220" ETTT5560

ggattcggc

249

<210> 25207
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700906529H1

<400> 25207

ggccttctaa ttggaggaaa aagaggattc attttcatga ctttatgttg aatgtacata 60
gcatgctaca aaagcataag gggttgtcag atccacttga tgtgggttgca ggagagattt 120
ctgatgatgc aattttatta tgtcttgacg aatttatggt aacagatgta gcagatgcat 180
tggtactaaa tcgcttggtt agacatttgt tcaacaaagg catacatcta gtggccacat 240
caaatcgtgc t 251

<210> 25208
<211> 258
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906530H1

<400> 25208

accgaggcca atcaagcaaa ggttaaggag attttgtctc actatccaca caacatacga 60
ttctcngnta caattcctcn tttagatctt gtccagnagn agnatgaatt ttggctacct 120
gtttctgcaa tggatgcggt agctaagatt gtagaggttc ctcccatcag ggtgtatgag 180
gttgccacat ttactccat gttcaatcga gctacggttg ggaagtacca tctgttggtt 240
tgtggaacaa caccttgt 258

<210> 25209
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700906532H1

<400> 25209

cgagtacagc ggcaagtacc aggctgcggg tgaattgggt cacgttaagg atctcataaa 60

ctcagaaggg ccacttcact tttagaaacc cagttttgca tctgggtttt tgctgttga 180
 agtgccaatt ttgaagataa taataaaaac aattatgact tggaaaagca gaggagaatt 240
 gccttctaga agcgtcatct 260

<210> 25234
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906478H1

<400> 25234

cttaacaaca gcacaaagcg ggttactgtc tggtcaagct accatctctc tctctctttc 60
 ttagtgcttc cttgccagaa gttaaaatgg cccaagaaac tttcctattc acatctgaat 120
 cagtgaacga ggggcaccct gacaagctct gcgaccagat ctccgatgct gtgctcgatg 180
 catgcttgga gcaggaccct gacagcaagg ttgcctgtga aacctgcacc aagaccaaca 240
 tggtgatggg tttcggagag at 262

<210> 25235
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906479H1

<400> 25235

gtacgccgtt tcaactctgg agttcaactc tccgttgctt cgaaacgtcg ttactgcgcc 60
 gttaagggga atcccgagct cgacacgttt tattatctcg gattgaaagg aatcagcggt 120
 ggcggagaag ctcttccgat tccggaatcg atttttgagg ttgacgccat cggcggcgga 180
 gggattatta tcgattccgg cacggcgggtg acgcggctta ggagtgaggt ttacgacgcg 240
 ctccgcgacg cgtttgtgaa gggggg 265

<210> 25236
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906480H1

<400> 25236
gaagaagatg cccatcagaa acatcgacgt cggaaggcct gaagaggcga ctcaccccga 60
cacgttgaag ggggctttgg ctgatctcat ctcaaccttc atcttcgtgt tcgccggctc 120
aggctccggc atcgctaca acaagctcac cgacaacggg gctgccaccc ctgccggcct 180
catctccggc tccatcgccc atgcattcgc cctcttcgtc gccgtctccg tcggcgccaa 240
catctccggc ggccacgtca accccgc 267

<210> 25237
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700906481H1

<400> 25237
agctcgaccg aatcggctcg aggcataatc aaatcaacca tggcacaccc ttattgctcc 60
caccaccttt tcacctggtt tacgatgctg aagctcttag aaaagctttc caaggatggg 120
ggaccgatga gaaaaccgtt attgcaatac tgggtcatag aaatgttcat cagatgcaac 180
ttatcagaaa ggtttatgag gaaatttacc aagaggacct cattaaacgc ctggagtctg 240
agctctctgg tgactttgag agagctgtgt accgt 275

<210> 25238
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906483H1

<400> 25238
gtgtacagtt acggtattgt tttacttgag ttgctaactg gaaggaaagc tggtgacaat 60
gaatccaacc tccaccatct gattttgtcc aaggcagcaa ccaatgcagt gatggaaaca 120
gttgatccag acattactgc cacatgcaag gacctaggag ctgtaaaaaa ggtttatcag 180
cttgctctat tatgcacaaa gaggcagcca gctgataggc cgacaatgca cgaagtgaca 240
cgtgtactcg gaagccttgt gctgtcaa 268

<210> 25239

<211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906484H1

<400> 25239

tccatacata gccacttcta actcactcac tcttggtgcc ttcattggcca agccagtgtc 60
 cattgaggta tggaacccaa gtggccaata cagagttgtc agcaccaaac caatgcctgg 120
 aactcgttgg atcaatcttc tcattcaaaa tgatgttcgc cttgaaatat gtaccgagaa 180
 gaaaacgatt ttgtcagttg aagacatcat tgctttgatt ggtgataagt gcgatggagt 240
 tattggacag ttgactgaag actg 264

<210> 25240
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906485H1

<400> 25240

aattcttcat tgctctcaat tatcaatggc tccccaaacc atttccattc tcaacctctt 60
 accagaacct gatgtcttca ttcacacttc ccatggaaca cgcattccag cccacgcacc 120
 cattctggct tctatgtccc cggttctgga gaacttgata gatcgccac gtaagcatcg 180
 gagtccgag agaataatcc aaatccacgg cgtcccctgc gacgtgtca ccgccttcgt 240
 ccgattcctc tactcc 256

<210> 25241
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906486H1

<400> 25241

cccaatcttc tctccacgcc cttcttgggt aaccgtctga agtgcagcaa tggcagatgg 60
 attgcattcg cagcatccat cggtagtcca gaagttatct ggacagtctt atcttgtgtc 120
 caggcttgct cctaactact ccagaaactg ttctaccact ggtagtatat tcaatggagg 180

tttgcagtct tcaggttttg ttccagtcac ggcacacgcg ccggctgaga aaggggtgtc 240
 tggatttttg ttgga 255

<210> 25242
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906487H1

<400> 25242

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 ttccggctcca caaactttcc gttccaaggt aatctccaag agcaacgttg ttgatgatat 120
 ggtcaacagc aatgccatcc tctatgagcc tgggtgaacat ccagaccatg ttgttggtat 180
 taaggtaaatt tttgtttcac ccatTTTTct gtttctttct cttgtcaggg ctttgattat 240
 tctatctgct ttgttg 256

<210> 25243
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906490H1

<400> 25243

gtggagagag ggggaaatgg gtgggtctcc aaagagagtt tgagcaaagc cattaagtta 60
 gtgatggatg gagacagtga ggttgggtgct agagtgaaga agaatcacat ggagtggaag 120
 aaaactggga gcagtcctaa tttaatgaat ggttacatgg ataggtttgt ccaaaatctt 180
 caagatTTTc ctctccatgg gtgattgaag gattTTTTTc agagggatgg aattcatcgt 240
 ttgcccacca aatgaaa 257

<210> 25244
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906491H1

<400> 25244

gtggatcagg tgggcttaag gttgaattag ggcagccatc tgggaaattg agtgaaattg 60
 aggagcaggg tgggaatgat ggtactgatg tgcaggggat tgggcagcaa ccacatgggtg 120
 gagttgttgg gagtgtcggg aatgaggggt tggtagaca aggtcaaggt ggtggaggag 180
 gagcagggaa tgttaatagg gttggtggaa atggggttgg gaatagtgtg agtactgtta 240
 atagtgttaa tactg 255

<210> 25245
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906492H1

<400> 25245

caaataccta ttgatatggg tagtaatttc gagattaaag gtacagttaa gatataatca 60
 gaatttttta gttatgaatt tatgatcaag aagctattaa gaaataaatc cagaccagac 120
 caaaccagac caagaagttg ctgttgtaga gaagatgcaa gtgcagccaa gagttattgc 180
 agataatata actgcacaaa tcaagatacg aaaaataagg ttgcatttag caaaagtggc 240
 acag 244

<210> 25246
 <211> 127
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906493H1

<400> 25246

cggctcgtag ccaaagcaaa ctcaagactc tagccctttt attaaggacc gtctcgtctt 60
 ctcgatagtc cgtaaataatt ccgctgcggg ttttgaatct ttcaagattg ttccacacaa 120
 catccga 127

<210> 25247
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906494H1

<400> 25247

cggaagttca ttggtggaaa tccaagttcc cgggcagaag tttgtgaacg gagttccggt 60
 ccccgctgtg gtgtctcttc cacctgcaac tgcaagtgcg gttctcttta cggactccgt 120
 caaaacccag tcagcttttc ttgaatcatt gctactccaa tcgggtgctg tccttttcag 180
 gggattccca ctctccaccg cttctcactt caacgacgtc gtcgcagcat tcggctacga 240
 cgagcttccc tacgtgggcg g 261

<210> 25248

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700906496H1

<400> 25248

cgacataggg accttaagaa gatgcaagat ctactcctaa atcaaaagga agccatgtat 60
 ggttctaaac ctagtccaag aaaaaataac agcttttagaa agactaatag ttaccgcgca 120
 aatggcaatg gatctatgcc tctacaccc cgtcgtaact ccctaagtgg tggaacaaca 180
 tctgaactac tgacaccgcg gtctactct ggccgtcaga atggatattt taaggaaatg 240
 agaagattgt ctactgcact actga 265

<210> 25249

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700906501H1

<400> 25249

cctgtattaa ttttctctc cctgagatta ccaagctctg caactttgct tctcaacatg 60
 gagtatcgtc tcttaccat ttttacttta ctcaatcttg cactggtggc aatccatgct 120
 gctttacctc ctgaagttaa ctggaagtcg gtgcttccta ctacgccaat gccaaaagcc 180
 atcactgata tcctttaccc cgattgggtg gaagagaaaa gtacctcagt gaatgttgga 240
 ggcaagggcg taaacgtgc 259

<210> 25250

<211> 144
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906504H1

 <400> 25250

 gaccagtttc agattagggc tggtattggc cgagattgca ccctcgatta cgaggttgag 60
 gaggatcaat atgacaagca ggctataggc aaagtgaatt cgggtgatcg tgtgtatatg 120
 aaggatctaa acgacgatgg agtt 144

<210> 25251
 <211> 260
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906508H1

 <400> 25251

 aaaatatgga caaaaaatgg ctaaggggaa tccatgccct cgagcataat acagatgcac 60
 tatggcagtt ggttgcccag ttcgcaaaca agttcaacgt tgtgctgatg atagaacaat 120
 tttggtgaca acatatgaag gcacacataa ccatccactg ccaccagctg cagtggttga 180
 tgccatggcc atagcagcag gtggcagtg atggttatgg catcaaccac tgcagctgct 240
 gctaccatgt tgctgtctgg 260

<210> 25252
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906511H1

 <400> 25252

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 tctccgtcac gcttttcgtg accggatctg tatggatttg atccagatct acacgccgat 120
 ggtgcctttg gccgggtctt tcataaatct ggtgcgtaga ggctcagata cacggtaccg 180
 aggtacaaca gagaatcgat gacaagaacg cagatccgac ggtagatcca gccgattccg 240
 cttgttcgat cgc 253

<210> 25253
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906512H1

<400> 25253

gcgagccccc gtccctacctc actggcgagt tcccaggtga ctacggctgg gacactgctg 60
 ggcttttcggc cgaccagaa accttcgcca gaaaccgtga gctcgaagtg atccactcca 120
 ggtggggccat gctcagggcc ttgggctgcg ttttccccga actgttgctc cgcaacgggg 180
 tcaagtttgg agaagctgtg tggttcaagg ccgggtccca gatcttcagc gaggggtgggc 240
 tggactactt gggca 255

<210> 25254
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906513H1

<400> 25254

gaaagactta ctagagtttt tacacaaaaa attcatgatt tgattggaac tcacacagat 60
 gtgccagcac ctgatatggg aacaggacca caggatcttg gtggatctct cggtagagac 120
 gcggctacag gacgaggagt cctctttgca acagaggctt tgcttaatga gtatgggaag 180
 agtgtatctg gacaacggtt tgtcatacag ggttttggaa atgtagggtc atgggctgcc 240
 caattaatta gt 252

<210> 25255
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906473H1

<400> 25255

cgcttctcca gccgctgcag actctgctcc acttgctact tcctctagaa gaagcctttt 60
 tcaaattctct ctgccaccgg acccggtttc ttctgttcat ttgggtttct ctcttccaat 120

ttatggcttc ttgagacct accctctctc aactttccct ttcccaatcc aattttctca 180
 gaaaatctac atggaacaat catctacctt gctatttaca caaaaggatc gcaaagttgc 240
 aaacttttac cacttctaag 260

<210> 25256
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906438H1
 <400> 25256

cttttcagct ttcatgttg tggcctagct gttttctcaa tgactaagcc ttcattctctg 60
 caaagcgcac ttttgcgtct tggggttccc ttgttgcttg ttatcacctt ctgttatgct 120
 acttctactg ctgctgcaac aactcaagtt tcaggggaatg aagagctgcc aaagacaaac 180
 ctaaattgggc agtctgaaga agcaaaattc ggattttttc atcatagacc aatattcaag 240
 agacatattc caattccagt at 262

<210> 25257
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906439H1
 <400> 25257

ctttatttac aacaacaatg gcttctgtgc ctcaaccaa aatctccctt ctaaccttat 60
 tcttctcttc gtccttcacc atcattgcgc atgcaattgt tcctcaaac gaaaccttca 120
 aatttgagaa ctcaggtgaa cttggaccct acatcggtga gtacggtgca gatacaagaa 180
 tgataagcat cttcaactct ccattccaag ttggtttcta caacaccacc ccaaattgcct 240
 tcactctagc tttgcgtgta gg 262

<210> 25258
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906440H1

<400> 25258

attttcccaa aaatgagaaa tatttgctt tgtttaccgc cggatgatgat tcggagatag 60
 ttgacaggag aaatgggctg cgcaaacaga ttgaagatag gttgattgca gctgctgcaa 120
 gtggcaagga tttagaagag actggcagtg aggatgatgg tcttttggat ctgagtgatg 180
 atgatttttt ccttgctggg agttctagt acgaagcaga tgcggatgat gaatggacag 240
 acaaaagtgc aagagagc 258

<210> 25259

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700906441H1

<400> 25259

cagataatga gtataattcc aaagacagct ctgtgtagtt ggtttatgaa cccagccac 60
 gtctctgagc aattgctgct cttgctgggg aagcaattgt caaagtggca tgtggaacaa 120
 atcatacagt ggcgggtgat aagaatggct tcgtctacac gtgggggtttt ggtgggttatg 180
 gaaggctagg acatcgggag cagaaggatg agtgggtcgc acgacgtgtt gaaagttttc 240
 caaaatagaa atgttttgcc accc 264

<210> 25260

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700906443H1

<400> 25260

caccaccgca atgtttgcat tatacctgtc tcagcacacg gaacaaatcc tgctagtgca 60
 gctatgtgtg gaatgaaaat tgtctctgtt ggaactgatg ccaagggaaa cattaatata 120
 gaagagctga ggaaggctgc tgaacacac aaggataact tatctgcact tatggtaaca 180
 tatecttcaa cccacggtgt ttatgaggaa ggtattgacg aaatttgcaa tattattcat 240
 gataatggag gccaaagtata tat 263

<210> 25261

<211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906444H1

<400> 25261

cgcggtttca accttgtagt tattctcttt cttctttttt agctatccct ctcttgaaaa 60
 atctagatct cgttcttcct gatctacgtt acgccttttag tgaccggatc tgtatggatc 120
 tgaaccagat ctacacgccg atggtgggtt tggcctgggc ttcatagat ctgatgcatg 180
 gaggctcaga tctactgtac agaggtgtgc gattcatgtt cgtctctctt ttggaatctg 240
 ttctgtagaa agtcggttgg t 261

<210> 25262
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906445H1

<400> 25262

taggcgcttc acaagatcct agagtctgag atcaaaggag actttgagaa agccgtgtac 60
 cgatggatac tggaacctgc agatcgtgat gctgttttgg ccaatgttgc catcaagagt 120
 ggcaaaaact acaatgtcat agtcgcaatt tccacaatga cattgtagaa attgccacta 180
 tcctctcccc ggaagagctt ttggcggtta gacgcgccta tctcaaccgc tacaagcact 240
 ccttgaaga agatgttgca gctc 264

<210> 25263
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906446H1

<400> 25263

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 agtgatggca ggtttggctc cagaggggaac acaattcgat ggtcgccaat atgatgctaa 120
 gatgagtga ttgctttcca ctgatgggca agatttcttc acctcttatg atgaagtgtg 180

tgacagcttt gatgcaatgg gattgcaaga gaatcttctg cgaggcatat atgcttatgg 240
 ttttgagagg ccttctgcta tacag 265

<210> 25264
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906447H1

<400> 25264

catacctcta taataacaaa acaacacttg gagactaact tgggtgggct caccgttgag 60
 caggctatcc agagcaagaa gttgttcac ttagatcacc atgactatct cattccatat 120
 ttgaggaaaa taaatgcaac taccacaaag acttacgctc aaagaaccat atttttcttg 180
 aaaagtgatg gaaccttgac gccattggcc attgagttaa gtaagccgca tcctcagggt 240
 gaaggatatg gtcctgttag cgaatct 267

<210> 25265
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906450H1

<400> 25265

ctcttctcta ccgattgcta gaatggaatt tcgatgctca gtcattcttt ttaccattct 60
 cttctctctt gctcttgag gagagagcca tgtccatgca tcgctacctg aggaagatta 120
 ttgggaagct gtttgccaa acactcccat tccactgca ctgagagagc ttctaaagcc 180
 tctccctgca ggtgttgcta tcgatgaact ccctaagcaa attgatgata cacagtaccc 240
 aaaaacattc ttctataaag aagaccttca tcag 275

<210> 25266
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906451H1

<400> 25266

ctgaaacaaa gaagtgaaaa taacagcaaa aagtagcagc tgctgcagct cccccgaagc 60
 ttatctcagc agcagatact caaccctgtt tgagtagacg agaataaacac caatgggaga 120
 ggaggaaaag aaaccagagg aacaacccaa ggagaggag aaaaaaccag aggaagagaa 180
 gaagaagaa gaagcagcag cagcggaaaa accaagcgaa gagaaaaaac cggaacaaga 240
 gtcgaaagag gaagttgctg ctccgccacc gccac 275

<210> 25267
 <211> 97
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906452H1

<400> 25267

atcaaaactg gtccaagga gccagaaaca ccaaagccaa aaacacttcc tttgttacac 60
 atgatgaaaa cagtttctct tgtccacaga acatacg 97

<210> 25268
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906454H1

<400> 25268

cgatatcact atcaggcatt ttggaagtta agccagtga cattactcac acagacaaaa 60
 taaaggaata ccaacatggc acattggtct cagcaaacag cattggtgtt taccatgacc 120
 atttctacat attccatctt gatattgaca ttgatggtgt ggaaaattcc tttgtgaaga 180
 ccagtctcaa gactctacaa gtcacagaca acagttccaa gagaaagagc tattggacaa 240
 ctagtaatga agttgttaag 260

<210> 25269
 <211> 92
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906455H1

<400> 25269

ctaaactgta aaacacacgc tctctctttc gcttgaaatt ttcgtcttcc ttttcgtttt 60
ctcagtctat tgctcttcca cacaacatac ga 92

<210> 25270
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700906457H1

<400> 25270

acttatccct ttccatccac caaaccaata tatctaaaat ctcaaaaaca ccacctccat 60
tgggcgctatc acgctacgcc gtcgttttagc acctccttct ccacccttcg tctctcaatc 120
cacacatcct cttatccata atgtccttct ctccctctcg tttttcgcca aatttgtctt 180
ctttttgcac cttctcctg atttttctc gctcaaata ata 223

<210> 25271
<211> 265
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906458H1

<400> 25271

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ctagcttcca cttcaagaca cacagacaag agactcaatg caatcctacg atctccttcc 120
accaccttcc cttctgtcaa cgtgcctctc cctccctctt ccaccacgcg ccgttctaca 180
ancaccaccc tccgttcccc ccaaccaccc aacgcctca tcgaccctaa tcctctctc 240
cgcataacga cgccgacgac gacga 265

<210> 25272
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906459H1

<400> 25272

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accatggaat acagaacctt agaactcaac atcatatccg caaaggacat caagaatggt 120
aatctcttct ccaagatgga cgtatacgcc gccgtttcgc tctccggtga cctctccac 180
cctcagggcg ccaccacca cgtccacaaa gacgccggca gcaacccac gtggaactac 240
cccgtgaaat tctctgtcaa cg 262

<210> 25273
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700906460H1

<400> 25273

tgaaagtgag tatgctgcct ggaccctagt caacgggtat gcactaaacc atgttattat 60
atccactcat cggctgaaaa ctcatgtgaa ggagataaaa aaactaaatc agtttattaa 120
ggatagtgga ttcagattga attctgaagg aggagtgcctg aaagtgcgac ctgatggtct 180
tctccagcaa agtcaactg tagcagattc aatttctttc aaattttctg atggtataac 240
tgaatcagtt ccatgctcat a 261

<210> 25274
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700906461H1

<400> 25274

atttcaaaga gagagagaga gatttcacag accaaattgc agaggacgac aaagttcaca 60
acttcaagga aaatcgaaat ggccaagtgc agcagagtgc acaatcttgc tcaaagcact 120
caaattttcg gtcattcttc caatcccaac aaacccaaat cggcgaattc ggtttcattg 180
aggccacgcc tttgggtgcc ctcaaaatct cgcattcttg tgaacaaaac tgyaagcctt 240
atgggaaatt ttaatgcggg gaa 263

<210> 25275
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700906462H1

<400> 25275

tctgagttct ctcatttctc gtcttcactg agaaaaatcc ttctttgtgc atgtcctcgc 60
 tttccatcta aaggggagag ggggtgagtg agaaaaagtg agtgagggtt ctagcttcta 120
 ctgttgagta aacatgacta tggaagaggg cagggtagag aacgaggact acacacaaga 180
 tggaactgtg aacattaaag ggaaacctat tcttagatcc aaaagtgggtg gttggaaagc 240
 ttgctccttt gttgttgtat atg 263

<210> 25276

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700906464H1

<400> 25276

agagaagaag caagatggcg tcctctcgtc cccctccttc gaaatccgtg gatctggacc 60
 taacaatcgt gtcggcgaac acctgaagaa cgtgaactgg aagaacggcg atctgaaacc 120
 ctatgtgggtt ttctgggtgg, accccgagcg gcgcctgggtc acgaaatccg acgactccgg 180
 caacacctcc cccgtctgga acgagcggtt cgcctcctct ctccttttcc ccctccacga 240
 ctcttctctc a 251

<210> 25277

<211> 100

<212> DNA

<213> Glycine max

<223> Clone ID: 700906465H1

<400> 25277

gtcacaagga cgcaacggta aatgccgcct cacatcaaaa ccagcacctc taaccgtagc 60
 ataaaaccac caccggagag aataccaggt ccccttctct 100

<210> 25278

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700906466H1

<400> 25278

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gcaaagcgca cttttgcgct ttgggggttcc cttgttgctt gttatcacct tctgttatgc 120
tactttctact gctgcagcaa caactcaagt ttcaggggaat gaagagctgc caaagacaaa 180
tataaatggg catgatgaag aagcaaaatt cggatttttt catcataaac caatattcaa 240
gaaacatatt ccaattccag tatataaacc tg 272

<210> 25279

<211> 104

<212> DNA

<213> Glycine max

<223> Clone ID: 700906467H1

<400> 25279

ggagcgatct gaggtgagga cattaaga gcaatgctag cacagggatt cgaggacgca 60
gagaaatggc tcgccgaggg gatcgccggc attcagcaca acgc 104

<210> 25280

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700906471H1

<400> 25280

atcttaaggt atctcaaggg taccttgct catgggttac ttcttcagcc tgcttctact 60
gtgaaaccct tggcttttta tgcattctgt gatgctaatt gggcatctga tgtggatgat 120
aggtgttcca cctcaggggc tgccttcttt cttggcccaa acttgatâtg catgggtggtc 180
tcgcaaggag aaggtgacag ccaggtccaa tactgaagct gaatatctca gcttggtctca 240
aacttctact aaattgaca 259

<210> 25281

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700906472H1

<400> 25281

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caaggggtgat gcaggggtctt gttctctgca cacttttgtt gtcggcggtt ttgggtccaag 120
aagttgaggc aagagtaatc agcaaagaag caatgcagcg taacaccatt cctggatgca 180
gcaaagtaca ccccaatgtc gccgcttgct atctgccatt agttaacatc aac 233

<210> 25282

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700906437H1

<400> 25282

cagctattga ggaaatggca gggatggatg tcctatgcag tgacaaaact gggactctca 60
ccttaaataa gttgagtgtt gacaggaact tgattgaggt gtttgctaag ggtgttgaga 120
aagagtatgt tacccttctt gcagcaagag cttctaggac tgaaaatcaa gatgccatag 180
atgctgcaat tgttggcatg cttgctgacc caaaggaggc acgtagtggg gttagggagg 240
tacatttcct tccattcaat cctg 264

<210> 25283

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700906403H1

<400> 25283

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caatcatagt tctgatcttc atacacttac cccggaaacc tccatttctc agatcaagct 120
tgacgaaga cattaaaaaa tagaaatata tacatagcta tggacaataa tacttgtgcc 180
tcctcccaac ttgagtcaga agaagcatct tttagacaca aatcagagac tccaacatca 240
aagtaaagga aaatggttga g 261

<210> 25284
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906404H1

<400> 25284

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 tgatgtcat ttatcaagat catcaaaatt ggaggacaag gacaaagagc acaagcgga 120
 tatggatgga gctaaagaga aggaaagata cagggagaaa tacatgggaa aatcaattca 180
 agaacttgac cttagtact gtaaactgtg cactcccagc taccgacttc tgctgcaga 240
 ttatccaatt cctacagcta gtca 264

<210> 25285
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906405H1

<400> 25285

cgccaacggc gacattccga gtctcgccgc cgatcccaac gcggccactc agtgggtgaa 60
 cgccaacgtc ttgccctact acccgcgag caacatcact ctcatcaccg tcggaaacga 120
 gatattgacc ttagccgacc aggtctact gtctcaactc gttccggcga tgcgagatgt 180
 ccataatgcc ctccgcgagg cctcgctcgg tggctagatc aggtctcga cgggtgcactc 240
 gatagccgtg ttgactc 257

<210> 25286
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906406H1

<400> 25286

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 atgccacttg ccggtcttca ccctcagat tttctcagga aaaaccatc taaccagtac 120
 cagaccataa tccctcactc tcccaacatg aatcctaata agtctcatcg gacttcccga 180

aaccgtaaga tgcggcccga tccaagccca caaggcggtg tcagcccagc ccggctcaca 240
 ttatccccga aaccccaagt tataaacaag 270

<210> 25287
 <211> 173
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906407H1

<400> 25287

taaaaaata gaagcagaaa gaagtgcctc tgtctctttc tctctctaca agccttcttc 60
 ttcttcttca ctttgatttt ccgtcttcaa tgcaaacca accatgatcc tctacacgta 120
 atcccacctt acctaagcta aaaccctttt gatctcactg ttccacacaa cat 173

<210> 25288
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906409H1

<400> 25288

attggatcga gggtagcaga tgagactgct taacgcaacc tcgtgtttcg ttcttctctg 60
 gtgactgggtg agtgcggcga cgctggcctg cagtgggtgcg acttttcacc gacgacgctc 120
 gtcgtgcaag cagctaagta ccacgacgct cttgtgagag cagcttctag tcgctggacg 180
 gatggtggtt ctacgattaa gtactagggt tcagacttca tgctctttaa acaccgtgta 240
 taactgattt tgggtggtgat tccaa 265

<210> 25289
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906410H1

<400> 25289

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 aaacttttga agattgtatc acttgggctc ggctaaagtt tgaggattat tttgttaacc 120

gggtgaagca gttgatctat acttttcctg aagatgctgc aactagtact ggagctcctt 180
 tctggtctgc accaaaaaga ttccctcgtc cactacaatt ctcagcctct gatttgggtc 240
 atctaaattt tgtgtcgtca gcttctattt 270

<210> 25290
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906412H1
 <400> 25290

gaaaccctag ctagccacaa tgcagatatt cgtgaaaacc ctaacgggga agacgataac 60
 cctagaggta gagtcttcgg acacgatcga caatgtgaag gcgaagatcc aggacaagga 120
 gggcatcccg ccgatcagc agcgctgat cttcgccgga aagcagctgg aggacgggcg 180
 cacccttgcc gactacaaca tccagaagga gtccaccctc cacctcgtcc tccgcctccg 240
 cggcggcgcc aagaagcgca agaagaaga 269

<210> 25291
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906413H1
 <400> 25291

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 tgatggacat gtcactagga ctgggtattt gcagaatgct gtagctcata tcattactgc 120
 tgttattggt tctggtgttc tttctcttgc atggagcact tcccaattag gatggattgg 180
 agggccattt tccttgcctt gttgtgcaat tgtcacctat atgtcttcat tectcctgac 240
 tgactgctac agaactcctg atcctgt 267

<210> 25292
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906414H1

<400> 25292
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 taatgaggggt ggtgtaagag gaggacgagg tggagggttac aaagagcttg atgaagagga 120
 aatagaagaa actagacgtc gtaggagggga agctgaagat gatggggagt tgtatgatga 180
 atttggaat ctaaagaaaa aattccgtgc caaaacacag caagctgaag ctgcacgtgg 240
 gcttctcgtt tcagggcgtg ctggtt 266

<210> 25293
 <211> 276
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906415H1

<400> 25293
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 attgatctta tttgtttcca tttcccttga gattgatttg aatgtttgat gcataaagca 120
 atgggacttt catatatcaa aatgttttga cttctatcca ttttaactca tgtgaattga 180
 agtaacattt tctgtttgta gcttaagatg aatatatctc atgcagatag tatctattac 240
 actacctggt tctaactctc atctaataaa aatctg 276

<210> 25294
 <211> 275
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906416H1

<400> 25294
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 tttgccttta gtctctgaag gcaagccctg ggagctccag tgctgacgtc acagggctag 180
 ctcaaatacat ggtgaaagag atgaaggcaa aagcaaacta tgcattgaag agaataccagg 240
 agctgcagag ggtgggagca gggcctaata agcaa 275

<210> 25295
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906417H1

<400> 25295

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 gaaggacaag atgagtgatc atggtcgtgc aaaggcagca tctggttcaa ggaatcgttt 120
 ggaatccaag aatattgtca atagaacttc ctcccttaat tacagaagca gctctgctgt 180
 tccccctcat gagttgccat gggcttcctt tgatcaatat atagaggaca aggggaagagt 240
 aatccgatct atatttccag aaaaatcaac a 271

<210> 25296
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906420H1

<400> 25296

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 attccttccc actcgctctt tcttcgacgc tcttctctct cattgctcat gtctctccag 120
 acgtcgtttt ctctctctca cgctgttggt ccttctctct gcaacacaaa gcatggctcat 180
 ttatctcaca accgccacta tctctccctc ccaaaaccca ttctcctgaa gccctctcca 240
 tcgccttctt tcaa 254

<210> 25297
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906421H1

<400> 25297

cggcttggtc cctctcgtgg gtgagaacta cgccctcaag ctgaaaaatt ccatgcaaga 60
 ccttttggtc gagattccta aagaatcccc aaatctttct cctttcgtcg atgcgtttta 120
 cgaattgatg caagcgaagg ttgattcatc ctttgaggtg atatgggtct acgtgcaat 180

taacttttcgt ggtcgtaact cggagaaagg tgatgccttg gatcgaatat tggccgcaaa 240
 agacttggtt aagttgctat ctgcgtg 267

<210> 25298
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906422H1
 <400> 25298

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 cattatgggg gagctagaga gagactctct tacaccctag ggtttctctc gcgaaatgtg 120
 cccgatcgag acctaaggct tgtaggtgt cccaatttcc gtgctgcatt agtcccaagc 180
 gtgagggcga atcctgggtgc aacggtacag ttgtgccttg gtgacttggt ggtcatgggt 240
 tcgaatccgg atacagctcc ttgca 265

<210> 25299
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906427H1
 <400> 25299

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 atatgggtcga tcaactgata ctttggttaa aggactaagc tcaaaattat tcagaatcaa 120
 gctagagcag agacattttt caggatcaga caagggatta ggcttttttc atattcaaac 180
 taagtagagc aggattcgat catagtgtac atgatgtggg tattgcatta gtcattagtg 240
 catgctgtga aatatattct ttgagg 266

<210> 25300
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906428H1
 <400> 25300

ctttgaaacc caacccaatt tcaccgttgc tagctcttgt ttattttttg tcggagaaaa 60
 taataataac aatatataat gtcgggttgag gagatgcagt cacagaagag gaatgtgttt 120
 gacgcagaaa cggcgtcgtc cttggtgaag gagctgaggg acaacttcgg ttcgggaagg 180
 actcggagtt atgaatggag agtgtcacia gtgaaggctc tgttgaaggc ggtggttgat 240
 aacgaggaac agatcgtcga cgctc 265

<210> 25301
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906429H1

<400> 25301

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 tggacgatct ggttttcgat cgatatactg ttttgtttac tttttccttg tggggttgct 120
 tcacaatgaa aaaaacttaa tcatagttaa ggggttttct ttttagaaaa aaaaatattg 180
 ttggctagga attggagatt taatgtttta ctctcatta aaagtgagta taagttacat 240
 ataaaacttc aattctaatt aaatggt 267

<210> 25302
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906430H1

<400> 25302

aattagttca ttctctttgc gcagttccct acctctcctt tcaagatgca gatcttcgtc 60
 aagaccctca ccggaagac catcaccctt gaggtggaaa gctctgacac catcgacaac 120
 gtcaaggcca agatccagga caaggaagga attcccccg atcagcaacg tctcatcttc 180
 gccggaaagc agctcgagga cggccgtacc ctgcccact acaacatcca gaaggagtca 240
 acccttcacc ttgtccttcg tctccgtggt g 271

<210> 25303
 <211> 271

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906431H1
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 ttggaggcaa gaaattttgc accaccaccg atactctcac tcagcgcgaa cccgattcaa 120
 tgcttgccgc tatgttcagt ggccgccaca cgctgtgcca agatcctgac aaggggtatg 180
 tgtttggtga tagggatggg aaacactttc ggacattct caattgggta agggatggg 240
 tggcgctac tctcgaggag tctcagtact c 271

<210> 25304
 <211> 282
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906433H1
 <400> 25304
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 gaagatgata ttcaaaagtt ttcctactta agggcagtga taaaagagac acttagattg 120
 cacttaccag caccactact tataccaaga gaaacaaata aaaaatgcat gttagatggc 180
 tacgaaattc cagccaagac attattatat gtgaatgctt gggcaattca tagagatcct 240
 aaggcttga aagatccaga agagtttata cctgagaggt tt 282

<210> 25305
 <211> 282
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906435H1
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 cggcaccgtc tacagagcga tctatctccc cttcaaccaa ctggtggcca tcaagtcctt 120
 taatctcgat cgctgcaacg tcaatctcga cgacctgcgc agggaggccc aaaccatgag 180
 cctcatcgac caccccaacg tggtgagggc gctctgcttc ttcgccgtgg accggagcct 240

ctgggtgggtc atgcccttca tggaccaggg ctctgcctc ca 282

<210> 25306
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906402H1

<400> 25306

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 gcgcatgaat ggattaacga gattcccact gtccctgtct actatccagc gaaaccacag 120
 ccaaggggaac gggcttggcg gaatcagcgg ggaaagaaga ccctgttgag cacaactcta 180
 gtccgacttt gtgaaataac ttgagagtg taggataagt gggagctgga aacagcgaaa 240
 gtgaaatacc actactttta acg 263

<210> 25307
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906362H1

<400> 25307

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 tggctcttgcg agagaaagcc atgccagaga cgaagatttt tggcatgctg tttggccaaa 120
 cactcccatt ccaagttcat tgcgagatct tctaaagcct ggccctgcaa gtgttgaaat 180
 cgatgatcac cctatgcaaa ttgaagaaac acagtacccg aaaaccttct tctataaaga 240
 agaccttcat ccaggcaaaa ca 262

<210> 25308
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906367H1

<400> 25308

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ggcaagtctg tagttgagaa gctacttttg atggcaattg tgtgcttggt gctgggtgta 120
 atttccatta ctccaaggc ccaagcagca gtgacatgca accaggtggt gagcaacctc 180
 accccatgca tttcttatgt gctcaatggt ggcaaaaccg tgcttgccc ttgctgcaat 240
 gggatcaaga cctcttttaa cctcgctcac tc 272

<210> 25309
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906368H1
 <400> 25309

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 actctctatt tccatcatct tcttgacgt cttctgcaa aggtcctaaa aggaaagcat 180
 cattagaagt ggtgcacaaa catggcccat gctcccaact aaatcatagt ggcaaagcag 240
 aggctacaat atcacacaat gatattatga ac 272

<210> 25310
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906369H1
 <400> 25310

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 gctctttgca gatcacatga aaacactat ttttcctcgt caacaaggat caatagaata 180
 cagttgtcaa gacatagact ggaacatgga catctgaact atagatgtct ccacacacag 240
 agatcaacct tattcaatga ctggtttt 268

<210> 25311
 <211> 263
 <212> DNA
 <213> Glycine max

0033220-ETTES

<223> Clone ID: 700906370H1

<400> 25311

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ctccattctt cttcttctct taatgggttg catttactcg cgagtctgca taggcgacaa 120
ttgcagaggc tcaagcatca acggagaccc cattatcgcc cgaaacgacg tcgccgaagt 180
cgcgaaattt tccccttctt cttcggatgt tgaagaaggc gaaatcagag accaattgaa 240
ccaattgagc atcactcgag act 263

<210> 25312
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700906371H1

<400> 25312

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aatgcaatgg gaccactgag gaggtaaaga agattgttac tactttgaat gaggctaaag 120
tccctggaga agatgtcgta gaagttgttg tgagccctcc ttttgtgttc cttcctgttg 180
taaaaagttt gctgcgccct gatttccatg tttcggcaca aaactgttgg gttcgcaaag 240
gtggtgctta taccggtgag gttag 265

<210> 25313
<211> 86
<212> DNA
<213> Glycine max

<223> Clone ID: 700906372H1

<400> 25313

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aaaaaaaaagg gggggccccc cgtttt 86

<210> 25314
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906373H1

<400> 25314

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 gtgaggctgt tggaagttca tgctcacact gagtcttgca gggctgctcg attcatcaac 180
 ggtggacgtg cactcttaac gggttctccg gattgctcaa tactggctat agatgtggaa 240
 actgggttcta caattgcccc gg 262

<210> 25315

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700906374H1

<400> 25315

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 agcccatcca tcactacgtc tcacttcacc gaatacgtt cgttgagcat cgagttcact 180
 tcggcgccgg cgccgtgttc gtccgcttcg gagtggaccg ttgtcaaggg attaccggaa 240
 ggacgcgccc ttaaactta 259

<210> 25316

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700906375H1

<400> 25316

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 cttatgttct tttggatata tttgatgaac ttctcatata aatgctgctc cattaattaa 120
 gtattgttta actcccattg gtttcaaaca tctacttgat gaattaccct ctctcattg 180
 ataagaactt tgggagaagc tcaccacaaa agctagacat agctatagaa ttgactgtgg 240
 cttataaac cccttactag a 261

<210> 25317
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906376H1

<400> 25317

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 tctcaaactc gcttcagttc ccaattttctc ttctccaact ttccttttca aaactccaac 120
 cctccgtttt cagaaatctc cattgtcacg ccccatcaga gctctatctt cctccgccct 180
 cgtccaaaca tctactacca aggccactga agaccaaggt gtgaagcctc aatggaaggc 240
 cacgatagac ttcaagtgga taaa 264

<210> 25318
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906377H1

<400> 25318

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 ttcttgaaga tgtcgttact ctccgatctt atcaacctta acctctccga catcaccgat 120
 aaggtgatcg ccgagtacat atgggttggt ggatctggca tggatatgag gagcaaagca 180
 aggactctct cgggactggt taatgaccct tccaagcttc ccaagtggaa ctatgatggt 240
 tccagcactg gtcaagctcc t 261

<210> 25319
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906378H1

<400> 25319

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gcagcaccag caccaccctc cagcaccagc accagcacga gcacctgttc cttcaccttc 180
 tgaccacaat taccctccta ccctgtctgc tgctaagcct cctagtcacc accatcagca 240
 tcaccctcct gctcctggt 259

<210> 25320
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906379H1
 <400> 25320

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 ggatgtgtcg ttgggagcga acaagttccc cgagagacag ccgattggga cggcggcgca 120
 gagccaagac gacggcaagg actaccagga gccggcgccg gcgccgctgg ttgacccgac 180
 ggagtttacg tcatggtcgt ttacagagc agggatagca gagtttgtgg ccacttttct 240
 gtttctctac atcaccgtct t 261

<210> 25321
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906381H1
 <400> 25321

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 ttccctcata tatctaagtt cacgtctacg atatatctct ccctctaatt aaacctctct 120
 atccatatct aaaatttcac aatgatctca attaattaga tttccctctc tctttctctc 180
 tctaactata ttgcaaacct ttctctctgc tttcataatc agcaatttca tgggtcttag 240
 agacattggt gcttcactgc ccc 263

<210> 25322
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906382H1

<400> 25322
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 atcaatttcc aaccatgacg gactactgtc aagcacagga tatggagatt gaagcattag 120
 aagctatact catggatgag ttcaaagaaa tacactctgg tgaaagtggc ctaagtactt 180
 ccaatcgggtg cttccaaata aaggtcgttg cgcaggatga cgatgaagat gggccaatac 240
 ataatccagc acaactggct ttgat 265

<210> 25323
 <211> 197
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906383H1

<400> 25323
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 ccttantgtt tctttttttt gnnttactan cacaattacg atgacaatta ggaaaccgtc 120
 gacgatgatg aggacgatga cgacgatgac aaggaagatg acgcccgaagg tgggtgctgag 180
 ggtgggacgc agagcag 197

<210> 25324
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906384H1

<400> 25324
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 cgcgcgatgg ggtggcgcggt ccgacgccga cgacatcctg atccgtcagg tggtgccaga 120
 tgttggcgaa ccgnaacagg aggacaacct gctgaacgcc gagcaccact tcgcgagctt 180
 caaggacaag ttcgccaaga cctacgccac caaggaggag cacgatcatc gcttcggcgt 240
 cttcaagtcc aacctccgca g 261

<210> 25325
 <211> 214
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906385H1

<400> 25325

cagcaatcaa atctgtaacc ttccagaact ccggaccccc ttgaaattt caacatgacc 60
 ggctatccca gccagcctcc gagctacagc tacagcgcg catggctgaa gcaagtctaa 120
 agtgtcccta cggcatcgca atcatatggg gactatccgc catcgtaata atacgtggct 180
 catccgacac cagcagccta cggagcgggtg acta 214

<210> 25326
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906386H1

<400> 25326

aagaatactt gttcggaaaa attgacatgc agtcaagct cgtgcctggt aactctgctg 60
 gaacagtcac tgcctattat ttatcttctc tggggcctac tcatgacgaa atagacttcg 120
 agtttttggg taacttgagt ggtgatcctt atactctcca cacgaacgta ttcagccaag 180
 ggaaagggaa cagagaacaa cagttccatc tatggttcga cccaccaag gacttccaca 240
 catactccgt cccatggaa 259

<210> 25327
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906387H1

<400> 25327

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 tcctgaacta gttttaacat acaatctttc aagtacacct cccagcttc catttaagaa 120
 tggagatcac tagaataggc caatgggttaa gtcttctgat atgtgtacta ctattactgc 180
 agacagaagg gggtcctgtg ggaatcactt ttgttgaaaa tgcagtggca aaaggggctg 240

tttgtttgga tgggagtcct cca

263

<210> 25328
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700906392H1

<400> 25328

cctctctctt tctctgtgtc tagggtttta ggagttcgaa gcatcatcat gtcttcggtg 60
gaccccgaga tcgcgaagac gcaggaagag cggaagcgga tggagcagca actggcgctcg 120
ctcacctccg tcacgtttga taccgatctc tacggcggaa gcgacaaggg ctccctacctc 180
acttccatcc ctgccaacga agacgacgag aatctcgacg ccatggacaa cgaggtcgcg 240
cgcaagctgg cttcttacac 260

<210> 25329
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700906394H1

<400> 25329

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ttgtgtagtg gaatcattct aggagtgact gtgattgtgt atgttcaaga ccatgtcaat 120
tgggggggtg ctgatatcgt cctcacaggg gtcattggtg tctcattgct catattcttg 180
attggaaggt cttcttatcg ttacaggaca ccaattggga gcccttgac tcctatgttg 240
caagttattg ttgctgct 258

<210> 25330
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906359H1

<400> 25330

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gcaatcagca ttcactgggc aaactgctct gaagcagctc aatgagttcg tccgcaagac 120
 cgggtggcgcc ggcaaaggct gcactaacat gcgctgcacc gtcaagagtg ctcttcagag 180
 catttggtat ggccctgacc gtcccaagta cttgggtcca ttctcggagc agattccatc 240
 atacctgacc ggagaattcc ctggtga 267

<210> 25331
 <211> 276
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906401H1
 <400> 25331

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 gaagatgata ttcaaaagtt ttcctactta agggcagtga taaaagagac acttagattg 120
 cacttaccag caccactact tataccaaga gaaacaaata aaaaatgcat gttagatggc 180
 tcacgaaatt ccagccaaga cattattata tgtgaatgct tgggcaattc atagagatcc 240
 taaggcttgg aaagatccag aagagtttat acctga 276

<210> 25332
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906329H1
 <400> 25332

gggagtgagt cactcttcct gcagaacca gatctgtaga caatatggga ggcactgggt 60
 tgctacattt gatatgcctt gtcattgctt tagtaagtgt gtcgcttggt caagcagaag 120
 atgctataaa gtatttcaca tggacgggtga cttatgggac tctttatccc ttggctagtc 180
 cccagcaggt tattcttata aatggtcagt ttcctgggcc tagacttgac ttggtaacta 240
 atgaaaatgt aattctcaac cttatca 267

<210> 25333
 <211> 267
 <212> DNA
 <213> Glycine max

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<223> Clone ID: 700906330H1

<400> 25333

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gggttctggt gctgtgcaac tgtttctgat cttggggctc ttggctagct catgcttagc 120
ccaagcacca ggtgctgcac cgtcacaacc acccactaca accccatcac caccaccacc 180
cagatcagca cctgcaccag caccaccac accagcaacc ccaccaccag caaccacc 240
accagcagca actccaccac cagcagc 267

<210> 25334

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700906331H1

<400> 25334

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agcagagaaa tggggttgga atcgggtgga gatttagcga ttcacgtgat tctcagtaag 120
ttaggagccc aagacactgc cagagtcgcg tgtctgagca aaagggttctg ttcttccgct 180
tccgacgaca ctctctggat caatcactgc ttccacgaac tcgctctgtc acaaccctc 240
gatcatctcg gaaaccctct ctcttc 266

<210> 25335

<211> 279

<212> DNA

<213> Glycine max

<223> Clone ID: 700906334H1

<400> 25335

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ctggagtgc caccctttttt ggcaaagctg ctcatctggt tgatagcacc aaccaagttg 120
gtcacttcca gaaagtgctt acagtaattg gtaacttctg catttgctcc atcgcggttg 180
gaataatcat tgagctcata gtcatgtacc caatacagca ccgcaagtac agagatggga 240
ttgacaatct gttggttctc ttgattggag gaattccaa 279

<210> 25336
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906335H1

<400> 25336

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 tcatgcgatt cctggtgatg tgagaagagg gttgaattca gtttaggaaga tctgcagggga 120
 gtataacatt tctggagttc atggtccaat tattgagttg ctgaattgtg atgaaaagtt 180
 tttcactgct gttgaagtta ctgcaggaaa cagcttattt catgtgggtt ttgaaaatga 240
 tgacaagtca acccagataa ttagacatct taattc 276

<210> 25337
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906336H1

<400> 25337

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 cccacaacat cagaataaca ttggatcagc cattagtagg acaaggaatg tcagataacc 180
 ccatgaacgc catctttgtc ccatctcctg tccccgtaga gatctctctg attgaggtgg 240
 tgggcatcac cacttttggc acctacattg aagctg 276

<210> 25338
 <211> 274
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906337H1

<400> 25338

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 acaatggatt ctgcatcagc atctctgctc aagtcttcac ttgttcttga caagtctgag 120

002220-ETFE560

tgggtgaagg gacaaaccct tcgtcaacct tctgcatcag ttgtgagatg caagctcacc 180
 accccatcag gcctcagcat cagagctggg tccatgctg atgagctcgg aaagatcgcg 240
 acaacagtgg cttcaccatg gaagggtatg ttgg 274

<210> 25339
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906339H1
 <400> 25339

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 ccgcagcctc gacttcggcg agcgcaacgg ctacctcaag ggcgtcgtca ccgacatcat 180
 ccacgacccc ggtcggggcg cccctctcgc caagggtggca ttccggccacc ccttccgcta 240
 caagaagcaa acggagctct tcgtcgccg 269

<210> 25340
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906340H1
 <400> 25340

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 aagtgggtca tgggtgatttg aaagataagc catgggtggca aaagatgcaa actcgtgaag 180
 agttgattga agcctcggct accctcgtat ggatcgcttc agcccttcat gcggctgtta 240
 actttgg 247

<210> 25341
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906342H1

<400> 25341

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 ttgcttaca gtttagacctt actgtataag tctaaatggg gttagtttat agtagtattc 120
 atataaaact aaaattgatc tgtcgggtgt agggaagtgt ataattttcg ctttatatct 180
 aaaatgaaaa acgatgttat tttgtaaaat agagaggggc cgaatctaata accgttgtaa 240
 tgtttccaca c 251

<210> 25342

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700906343H1

<400> 25342

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 ttcaagcatc atcaaaggga aaatatgttg aaagcttcaa ctgctcggag gcaccaagga 180
 agaaaagcaa gaagatagaa aacaagagga ggttttagtga tgaacagata agatcactag 240
 aatgcatatt tgagtcagag tcaaagct 268

<210> 25343

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700906344H1

<400> 25343

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 ttggagataa acgcgacgga ctccggcaacg gaggacgagc ggagccggaa cctgcaggac 120
 gtggacaggg cggcgctgtc gcgtcccttg gacgagacgc agcagagctg gtccttaggc 180
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 atcttcaagt ggaccctcgg caccctc 267

<210> 25344
 <211> 267
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906346H1

 <400> 25344

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 ctttattcca cccctttcct ctcccttcat caagcaccca actttctgcc acccccacaa 120
 aaggggtgctt gcgtttcttt ctgtgatctc aaccatgaag cgtccactca caccttcagc 180
 cagcggcatg aagactaaca agaaagccaa ggcgatggaa aatgacgaag acgtggaggg 240
 gctggggcgt ttcgacgaca accttct 267

<210> 25345
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906347H1

 <400> 25345

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 gttactacaa ttttacattc ttttcatctc tacatatctc attagtcattg gcacctcaag 120
 cagtttcctt caagtccttc gccgttgctc ttattgtggc gcttttcttc tccgcctcgc 180
 ctctggactt agtttcgggg cagtcgccgg tgccggcgcc ggcgccggca ccagattgcc 240
 ggagcagctg gatccgtgtc gagct 265

<210> 25346
 <211> 278
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906349H1

 <400> 25346

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 agaggtggat gcaaattgggg acgtgaagat gggtagatt gatgaggggc aggttcagga 120
 gttggaggag caccgcattg agttgagtct cgggcaagat aataatgttg agagggttga 180

agttgagaag gagcaggggtg gagaggagca gatgatggat gtggggttttg agcagtctaa 240
 ggaggaggat atgcctggaa tgtggctttt ggatcaga 278

<210> 25347
 <211> 274
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906350H1

<400> 25347

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 gttcctatcc ttttagctgc cccattaaat tgggggctat caagacttgt tcttttttct 180
 cctacattta atctttacaa caggaaatgc tcttgaaaat ttgggttca ttgatgcaca 240
 agcattggta gctgttggat gtgtagaaaa ataa 274

<210> 25348
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906351H1

<400> 25348

aaccttcgat cttaatccca cggggcaacg ttccatctgt tgaacttctt cttttatatg 60
 tactctgtga tttcgtaca ccctcactcc gcttcgccac cctatggggg acaacaacag 120
 caacaacgat gccttcatgc gcaacaaaaa cgccgccgtt caggcccgca ccaaagcgca 180
 gaaccgttcc aacgtccttc agctcaaact cgatggacag agtcacccaa ccggtctaac 240
 agcgaacctg ttgaagctct tcgagcctag gcctc 275

<210> 25349
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906353H1

<400> 25349

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 ttcttcaaag cacctgctaa tgccgatcaa aacgatgagg gcaccagggtg ggccgtttta 120
 gttgccggtt ccaatggcta ctggaattac aggcaccagt ctgatgtttg ccatgcatat 180
 caactactga ggaaagggtgg tgtgaaagag gaaaatattg ttgtatttat gtatgatgac 240
 attgctttca atgaagagaa cccacggcct 270

<210> 25350
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906354H1

<400> 25350
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 cgccaccatc aaaatggatc acagaaccca acgaacttag aaaacctaac cgagtccctcc 120
 atcagtcata ttcccaacga ccgttcagaa tgattgatgg tagcgatcat gcaacagcag 180
 cagcagcatc aacagcaaca gcagaacccc tctgcactgg tgccacctca gctcaagaat 240
 ccccaatcct ccacacatca t 261

<210> 25351
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906355H1

<400> 25351
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 tatctgcctg tctgccctta gagaacaagt cttgaataga tttcggtaaa ttaaaaatgc 180
 tcttgctgat octcttttgg aatgattaat aaaacattac attattgtat cttctacttc 240
 gaccgccgtt gtggacaaaa tttgtaa 267

<210> 25352
 <211> 268

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906356H1
 <400> 25352

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 cttacggact cattagagat accggaaaat gtggaatttc tgggtcaaaa gattgacctt 120
 acacttttca aaggcatcct tacctctgtc caagacacag ccacatcggg agtgaaaaca 180
 atgtcaagta ggctccctt gaagatccca atttccaaca gcaatgctca gtcttggtta 240
 ctcttcacat acctcgacga agaattgc 268

<210> 25353
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906357H1
 <400> 25353

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 aaatatgtaa ggctgtttta tggagaggaa gatttccttg tttttgtgta tagagattag 120
 agggagttca agttgtgggt aatattcttg tataatttgta gatgcatgat acttttaatt 180
 tcgagatggt taatttctat cagctaattc catctcttta tcattctgta catgttatta 240
 ttccttcctc cttaacttg tgg 263

<210> 25354
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906358H1
 <400> 25354

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 ctttagcctc ctcttatata ttccggaagt tggttctctgc tggaaatttt gcaaacaat 120
 tcatatactg aaaggacttt atgactaggg agttctatac aatcagattc gcaatggatc 180
 tgagcactat tgaattggcg aagggttaat gaagcttaat ggtttattca caggagcac 240

gagaagctcc agagaactct ttaca

265

<210> 25355
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906326H1

<400> 25355

gtatgcacaa ggcgtacctg aagcccgatc caaggaacga gatactcgtg tcggccggtg 60
cacttgaag cccacaactt ctaatgttga gtggaattgg gccggaagag caccttaaag 120
cccacaacat cagaataaca ttggatcagc cattagtagg acaaggcatg tcagataacc 180
ccatgaacgc catcttcgtc ccatctcctg tccccgtaga gatcgctctg attgaggtgg 240
tgggcatcac cacttctggc acctacat 268

<210> 25356
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700906282H1

<400> 25356

gacaagggtc cttctgtgta gacataccag agccagaccc tgatgatgcc aaaatagcca 60
agaccataga aaatgagttc cacaattgg agaatacaga gaatggtttt accaactcac 120
taactggtct tacagttaat ggccattgaa agctatgctg ctaaagctag taactgtttt 180
tggcctctcc tgagccactt ttatttggtg attactttat ggtccctttt ggaaaaggag 240
ggttatactt gtaggtcata 260

<210> 25357
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700906283H1

<400> 25357

cggagagtgt tctcttcag ctccatatga atcatcaggc aaaattttat cagattctat 60

ctctaattgga caaggtgctg taccactgga ggctggattg actctgtcaa agtccatggg 120
 gcctgggatt tcaagcgaaa accaggatca gccagtgcca atttcagttt tagagcctcc 180
 atttgaagat gataatgctg ttgtcgagtc cttgggctgt gtgaggggtg gtcagctggg 240
 atcacgggtg tctctgaa 258

<210> 25358
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906284H1
 <400> 25358

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 agttcggaga agccgtgtgg ttcaaggccg ggtcccagat cttcagcgag ggtgggctcg 120
 actacttggg caaccaagc ctgatccacg cccagagcat cctcgccatc tgggccacac 180
 aagttatcct aatgggtgcc gttgaagggt accgtattgc tgggtggcccc ctcggtgagg 240
 tcaactgaccc aatcta 256

<210> 25359
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906285H1
 <400> 25359

agggactaca tgcttttggtt tatgatatga attcagcaaa tgaacatgg gagtgggtta 60
 atcttaaaga ggtaaaattt tacaatatta atattcttcc gtctatcatt cacatacaat 120
 ctagtttttag cttgggttctt tcttttcttt tctttttaag caatattttc ctctgacaa 180
 gcatagccag aaccttttgt ttccacatat cttacatttc ccatggtgac cttgtgtctc 240
 ttactttgaa tcccatat 258

<210> 25360
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906286H1

<400> 25360

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 tatgccttta gattctgatt ctgagtctct gctgctatat atggcgccac gcgtatttct 120
 tgtgttgggg atgttgctga tgggtgtgct tgtaagggt tcgtctgatc caaagagaga 180
 agaagaaata ctggaagaag aactacattt tcccataac gagccactta ttgtgagaga 240
 cggaacaga aggct 255

<210> 25361

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700906287H1

<400> 25361

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 caccttattg cgcaatcaaa gctatctctt gttgcaactg cgaaggcaac tcctgttctt 120
 agtgcattgg catcgttgga aaaggaaact agtggcttaa tcataattgg accagaagga 180
 gatttcactg agaaagaagt gagtatgatg atggaagcag gtgctacagc tgtagtctt 240
 ggacctcatc gtctt 255

<210> 25362

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700906289H1

<400> 25362

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 tcggaatccc actcgcgatt acttacagca taccctttgc tctagcatca atattctcca 120
 gcacctcagg ggcaggccaa ggtttgtctc tgggagtgtc caatcttgca attgtcatac 180
 cacagatggg ggtgtctgtg ataagtggac catgggatgc tctatttgga ggtggtaact 240
 tgccagcgtt cgtggt 256

<210> 25363
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906296H1

<400> 25363

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 ttcaacttta gcagtagaaa cagcatccaa tgttaaacag ggctctaaaa ctgggggcaa 120
 taatacaaaa gctacagaaa gcccttgat tgaaccaagg ggcatttacc aggggtcatga 180
 ggacactggt gaagacgtgc aattttgccc atcaagtgcg ctggagtctt gtagttagg 240
 tgatgattct cgccttat 258

<210> 25364
 <211> 286
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906302H1

<400> 25364

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 aagtctaagc ccgctaactg cgcgccaag aaggctgctg ctaagccagc taagaagaag 120
 acaccgtaa aggccgtgaa gaagcccaag agtgtcgtga agaaacctaa gagcgtgaaa 180
 tcaccagcga agaagactaa ggctaaggct aagaagtgat gatttggatt ggggtttggt 240
 tttggtttgg cggtatagtt ttatgcattc cgggttcatt cgtagt 286

<210> 25365
 <211> 279
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906303H1

<400> 25365

ctccccact atctattggg cttgtcattg tgggtgcaat cctcctgatt gggtattggt 60
 acagcaattc aggtggagct agcgggtgga ttaaggatgt aaaacttgaa ggtggcgcat 120

cgtgctcatt ggaagtccta caagcattgc ccattttgaa gaaagcatat ggagacagca 180
 tgcataaggt tttgcatggt ggccctgact cttgttctgt ggtatctagt ttgttagaag 240
 aaggggatac tgaggcttgg ggaatagaac catacgagt 279

<210> 25366
 <211> 194
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906304H1

<400> 25366

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 cgtaaatactc cattatagtc tgttcgtgct tcctctggta ttctttctttt tgtagtgctg 120
 ttctgttctc gttctctctc tactaagatc accgccatga tcttcgaatc acgatccctc 180
 ctcttcacgc tcct 194

<210> 25367
 <211> 279
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906305H1

<400> 25367

cccctatggt ccagacaccg atgaacatat ncaatttccg cgaacgataa atcataatgg 60
 cacctttctt acgttctggt actattagcc tcttcattga ctcaagggtg tgctcaattt 120
 caaccaaaaa acgaagcttt tatatccttg ttgattaccc aaaatggcct tgactttgtg 180
 aaggagttgc tggatgaaca ggcaatttcc tcaactggct cacttcgatt gccgaatatt 240
 gaaaagactg cgaaaatccc agttgtgggt aatgtctac 279

<210> 25368
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906309H1

<400> 25368

agcagctcga attgtgagtg acggctgttt tgattgttga ttgctttgaa tcaactgagat 60
 aacagggagt aggagtgctt gttcttggtg tattgtgtgt acaaaacctg aggttattct 120
 attcaagttg tctttggatg tcagtcatgt gcagcaagaa aatatagcca aaaaattcat 180
 tgggtgttga gattctgtag aatttgacaa aggtgtagcc tgtccaaggt tacctattta 240
 attttgggtt ggaatttgaa gataca 266

<210> 25369

<211> 265

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906310H1

<400> 25369

gttgtgtttc ttgaaccaca gtctaagagg ctttttgtct tctattggtg ngtaagcgat 60
 tcagtctcgc taagccaccc atcttctatt ggttgaataa gcctgggata agcgagtcag 120
 tctcgcaag cccaaagcat ttttaatttc tgagtttttg ttcattgcgt aagcgcaatt 180
 tcttctctgt tttgttttat tttggaattg agcttagtga tcttgctcgc taagccaatt 240
 aagttccagt agttattttg ggcta 265

<210> 25370

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700906313H1

<400> 25370

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 atggcttaac tcaaaagaac caaattcagt ggtttatgtg aactttggga gcattatggt 120
 catgactagt gaccaattga cagagttagc ttggggactt gcaaatagta acaaaaactt 180
 tttgtgggtc attaggcccg atcttgtggc agggggaatt aattgtgcgt tacccaatga 240
 atttgtgaaa gagaccaaag atagagg 267

<210> 25371
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906315H1

<400> 25371

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 ggcgaaaaag gcagtgttga tcggaataaa ctaccagga acaaaggcgg agctgagagg 120
 atgcataaac gacgtgtgga gaatgcatcg ctgcctgac gagcgatacg gtttctccga 180
 agacgacatc accgttttga tcgacacgga cgagtcctac acggagccca ccgggaagaa 240
 catccggtca gcgctgacca ggctgggtccg 270

<210> 25372
 <211> 282
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906317H1

<400> 25372

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 taatggaagt cgggggaagg ttgtcttact atttgatgat aatcccttgt ctaaaattgg 120
 tgtgagatth gataaaccga tacctgatgg agttgatctt ggtgggtgcct gtgagggagg 180
 tcaaggatth ttctgcaatg tcaccgatct tcgtttggaa agcagtgtg tagaagaact 240
 ggacaaatta cttattcatt cattgtttga gggtgttttt ag 282

<210> 25373
 <211> 280
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906318H1

<400> 25373

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 aatgactaga acctcagtha tgaagctatc ccaagatgtc cgccaagaac cgttcccagt 120
 gatgcgtcgc tacatcgtta gcgaccccat tcgctaagag gctatcgaga ctgccgcacg 180

tgttcgcgaa aatactagag cttccttttc cttcagaaga cgacgtttcc gtggaggaaa 240
cgccgcagtt ttttcggttc gtggcgctgt gcaatgccga 280

<210> 25374
<211> 280
<212> DNA
<213> Glycine max
<223> Clone ID: 700906319H1
<400> 25374

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cacatgaacg aggattgcaa ttccagaaca gcgtcgctgt tgttgctctc atcctcctcc 120
ccttcgaatt ccaagatcgt gggagataag cgtggaagct ctcacgcggg tcacggcgct 180
cggaacggg ttaagatgaa agatcttgac gccgttggtc actctgtgga aacgaatagc 240
cgttattcgg gattcaaaaa cgacaaagaa aacactgtgc 280

<210> 25375
<211> 277
<212> DNA
<213> Glycine max
<223> Clone ID: 700906320H1
<400> 25375

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gaagaggttc tcccttcggc cactgccacc tccgcgcga cggcaatcc caccgcttcg 120
cctcctccgc tcgctgatct tgtcgggtgt cccgatctcg ctctgcctc ggacgacgtc 180
gttaccacaac ctgaaattca cgcgctgatt tcagacgaag agcacgatca cgagcatgaa 240
catgacgatg acctcgagca cgagcacgat cagcatg 277

<210> 25376
<211> 274
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<223> Clone ID: 700906321H1

<400> 25376

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ccacctacac cctccctcc cattgccact tcaacacctt ctccaaaatc gtgctccagt 120
ggaacgccac gtgcaaagga agacaatttg accgcatttt tgggtgtgtgg cttggtgggg 180
ttgagcttct cagaagctgc actgcagagc caagagccac tggcattgta tggagtgttg 240
aaaaggacat cacaaggtag cgttctttgt tgtt 274

<210> 25377

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700906322H1

<400> 25377

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agattgtgtg aagatggggg cgggtggccg aactgatgtt cctcctgcc acaggaagtc 120
agaggttgac cctttgaagc ggggtgccatt tgaaaaacct ccatttagtc tcagccaaat 180
caagaaggtc attccacctc actgtttcca gcgttctgtt ttccgctcat tctcctatgt 240
tgtttacgac ctccaccatag ctttctg 267

<210> 25378

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700906325H1

<400> 25378

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acagtagcgg aactgatgat gaccttccac caacccatca aaagagaatt tccaggggag 120
gaggaggacg tctcgtggg aatgggagat ctgctgttgg ttcaattcct taccgaagga 180
tgtatggtga aattgtgaat tggagacca aattcatcag cttgagcaag aagcatacag 240
ttcagttcta agagccttta aagctcaagc 270

<210> 25379

<211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906281H1

 <400> 25379

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 tctcaaagcc agcgaccgcg cctccctgcc atggaagcaa aactccagcc tctccttctc 120
 cagcccgaag cccctcaagt tctccagaac aatcagagca gcagccgccg acgagaccac 180
 agaggcacca gcaaaagtag aggctgcacc ggctcgggttc accccaccag aacttgacct 240
 aaacacccct tccccgatct tcggg 265

<210> 25380
 <211> 258
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906230H1

 <400> 25380

 ctgccttccg acactctaag aaaatgccgc acccttcttt ccacaagctt cttcaactat 60
 ccactgtcca acccaaccaa caactgagcg ttccggataa ttttatgagg aaatatgggg 120
 gtgaactctc tccaattgtt accctctctg ttctgatgg tagtgtctgg catgtaggat 180
 tgaaaaaagc agacaacaag tattgtttcc ttgatgggtg gaaagagttt gttcaacgct 240
 attccattgg tgttgat 258

<210> 25381
 <211> 217
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906231H1

 <400> 25381

 gaagcatatg cctcaaata tctatacaat acattgtatg ataggacagt aaaagttcct 60
 gaagatgtca ttctcccatc cacatctaaa tgcgccttcc catcaacaat gtattgtctg 120
 aagcatatgc ctcaaata ctatacaatt actgcccttc atgggctctt tcttgccat 180

atcgcaggca aaatttggtta cgggaaatta ttgggtta

217

<210> 25382
 <211> 73
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906232H1

<400> 25382

ttttctcaatc agttagttcc tcttttgctg tggctgattc agttggccat gcggcaggag 60

agcgcattgca aag 73

<210> 25383
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906234H1

<400> 25383

aacaaaagca aagaacccta gacagtcaca gaaccattcc atagaaatgt caggtggttg 60

ccctctttct caagattggg aaccgcgtgt cctccgcaag aaggctccca ctgccgccgc 120

caagaaggat gagaaagccg tcaacgccgc ccgccgtcc ggcgccgaaa tcgaaaccct 180

aaaaaaatat aatgctggga caaataaagc agcatctagc agcacttcat tgaacactaa 240

gaggctggat gatgatactg agagtcta 268

<210> 25384
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906236H1

<400> 25384

cagcattggt gactgctgaa gaaggcgcta aggttgtaaa ggtgatgcaa gatggcagtg 60

gggaattcaa gaccatcact gatgccatta aaagtatacc tagtgggaac actaagcgtg 120

taattattta cattggagct ggaaattata atgagaaaaat caaaattgag aagacaaagc 180

cttttgctcac cttgtatggg ggtacagaga aaatgccaaa cttgactttt gggggcactg 240

cacaacaata tggcactggt gat

263

<210> 25385
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700906237H1

<400> 25385

gcagaaagca agctcatcct agagtttttaa aaatggcagc agcctcctcc atggctctct 60
cttccccatc cttggctggc aaggccgtga agctgggccc atcagcccc gaagtcggga 120
gggtcagcat gaggaagacc gtcaccaagc aggcctcctc cggaagccca tggtagggcc 180
cagaccgct caagtacttg ggcccattct ctggcgagcc cccgtcctac ctactggcg 240
agttcccagt gacta 255

<210> 25386
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906238H1

<400> 25386

ataaaatctc gtcttctcct ctgtattgag acatggccga agaagaggaa gaatcagagc 60
tcagcgataa gcagaaagtg gagatcgca aatggttcct cctcaactct cctctcgag 120
aaatccaata cgttgcaaaa gatgtgaaat cgattctcaa caacgacgat ttgtacaagg 180
aagccgcttc cgaggctttt ccctattaca acaaacgca cttgatttcc attccaatgt 240
ccaaccgaag cggagacgta ctggtt 266

<210> 25387
<211> 79
<212> DNA
<213> Glycine max

<223> Clone ID: 700906239H1

<400> 25387

gaatttgctt gcaactcatg gggttacaac ttcaggagtt acaaaaagaa tcgcattttc 60

tttgtcaatg atacatata

79

<210> 25388
<211> 98
<212> DNA
<213> Glycine max

<223> Clone ID: 700906241H1

<400> 25388

gcttcatccc aaaaagctct tttccttcta aatttgattc cttagttcag cattctatta 60

ttatatatgg cttcttcttc ttcctcagaa aacaaaaa 98

<210> 25389
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906242H1

<400> 25389

gttttgtcga gctcacccgt gttcctgttg ctagcacttt gatgggtctt ggtgcttata 60

ccattgctga tgataattct cttcagatgc ttgggatgca tgggactgtt tatgctaatt 120

atgctgtgga tagggctgat cttttgcttg cgtttggggg gaggtttgat gaccgtgtca 180

ccgggaagct tgaggctttt gcgagccggg ctaagattgt tcacattgat attgattcag 240

ctgagattgg gaagaacaag ca 262

<210> 25390
<211> 205
<212> DNA
<213> Glycine max

<223> Clone ID: 700906245H1

<400> 25390

tctggagggc gagaaaaaga caacagattg ctttctcttc ctgttctctt ccttcaccct 60

ctctctctct ctctccgccg cattacaact ccaaaccctaa accttgcccc tccactccct 120

cgcccaccca cccgctatct caaggcccggt atccgaatcc gaacccgacc cagaagaaga 180

agctctctca cttcatctcc acaac 205

<210> 25391
 <211> 162
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906247H1

<400> 25391

ctttcttctc tccaccatcg ttgtgtagtg cgtgtctatc cgtaaattgc cttcgactgt 60
 gacaacacac cgatcgccat gaacatcttc accaagaaac ccacggccaa agaggctctc 120
 cgtgatagta aacgacaaat gacaaacgcc actagaggaa ta 162

<210> 25392
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906248H1

<400> 25392

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 gcgatggcaa tggcgcttcg caggctttca tcttcaattg acaagcctct gcgccctctc 120
 ttcaatgccg gttccctcta ctacaagtcg tacttgcttg atgaagctgt ttacgacaag 180
 gagcgacccg gagttacatg gccgaagcag ttgaatgctc cacttgaggt cgtggatcct 240
 gagattgctg atattattga gcttgag 267

<210> 25393
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906249H1

<400> 25393

aagtcaggtc ccaaaccaat aattgtgctt attgttttga agatggctga atttgaccat 60
 aaggcattac tttcgtagtg gatctctgct cggacattta atgacaaatg tccagacctg 120
 gataatgaga agcttatagc caacttgaaa accatacagg attatctgtg ctcattcaca 180
 tcgcaggggt tgactgtggt caatgtatcg gcaacaacat ttcctcaaac attggattgg 240

ctgcatgggtt accttcttca gtgcatc

267

<210> 25394
<211> 147
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906252H1

<400> 25394

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ctagtttcat gctaatttct ccaccgtctc tgctcaagcc tcaccaagta cccctcacga 120

ctccattccc tcttctctcaa acccatc 147

<210> 25395
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700906254H1

<400> 25395

ccttctcccc agttctcaaa gtttacctag tattttcggtt tctgaacca attaattaag 60

cacacaagga tcataacata cctatacctc gatatacaca gtcttatgga ggcagagcga 120

gacaagtaca agatgatcaa ctttgaagaa accgagttac gactcggcct cccactcagt 180

ggaaacgaaa cgctcacaac cacttggagc actgggaaga gggttttttc ggctactgcc 240

gtggatttga agcttaagct ttcc 264

<210> 25396
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700906255H1

<400> 25396

cttcaatcca attccaaagt accgtaacgt aacaaacttg acttacgtgt gcctcatttg 60

ctattgttca tcgcaagcta cctaacaagt tcgaggctga acctgagaca atggcgaaac 120

acaatagcag attcctctta cgctccttca tccccttctt ccacgcccga atgaactcac 180

ctcttcttcc ttcagcaacg tcatgtcctc ggttaacttc ggggacagct tttgatgaaa 240
aattcacgca 250

<210> 25397
<211> 69
<212> DNA
<213> Glycine max
<223> Clone ID: 700906258H1
<400> 25397

aacaacacaa cagcatacaa gtttcgtatt cgtaacgtag acttgtttca cgcttcttgc 60
tctcctctg 69

<210> 25398
<211> 89
<212> DNA
<213> Glycine max
<223> Clone ID: 700906265H1
<400> 25398

cttttgctag ctggctgtcg gggagaggtt cccagatccc tctcgcaatg cacgtgactc 60
acaccctctc tctttccctg caaacaaaa 89

<210> 25399
<211> 263
<212> DNA
<213> Glycine max
<223> Clone ID: 700906266H1
<400> 25399

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ggagaaaaca aaataatgat gcaaacagta ctgaatcatc acctctgggt gagaactctc 120
gtgcctcagt tgaccttggt acagttcttg atgtgagtgg tagcatggct ggtactaagc 180
tagcgttgct aaaacgagct atgggttttg tcattcagaa tcttggtcca tcagaccggc 240
tgtctgtcat tgccttctcc tcc 263

<210> 25400
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906267H1

<400> 25400

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 acttcccacg agtggcttta actggtctgg tctggtctgg tcggacacac aaaaatatta 120
 gtatggagaa ggtgagtttt gtgaagaatg gagagcttag attgcctccg gggtttcggt 180
 tccacccgac tgatgaggag ctggttttgc agtactagaa gcgcaaggtc ttctcctgcc 240
 ctctgccagc ctctatc 257

<210> 25401
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906268H1

<400> 25401

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 tgaagttcat ctagaaaatg gaaagctttt agcaaagtct gatggggagg agttcacagt 120
 cagagagggg cattattgtc ctgcattgtc aaaggctggt aaaaccatga agaagggaga 180
 gaaagtgctt ttgacagtta agccacaata tggatttggt gagaagggga agccagaaca 240
 aggggatgaa agtg 254

<210> 25402
 <211> 182
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906270H1

<400> 25402

aattttcttc atcagatata ttttcttcaa aaacaatggc aggcgaggtg gtgaagaagg 60
 aagactctct caacctgaaa gtcactaaca agagtcatgt tcaacctgag gagaaaattg 120
 gaaggacaga gtaccagctg gtcacttttg atcttcccta cttggccttc cacacaacat 180

ag

182

<210> 25403
 <211> 95
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906272H1

<400> 25403

ctcagatatt tgttgtttct ttctctgttg gtaattttct gtttttcatg tttttttaag 60

gtgtatcatt tgtatagaca acttttatca ggaaa 95

<210> 25404
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906229H1

<400> 25404

tggattttca acttcaaagt ttgctatccc aaagctactg gattgggtatt tgctgaactt 60

tgcaaaagac ttggagtcac tgctggattg gatccgtctc cagttaccaa gtgaattggg 120

gaaagaagcc cttaaattcc ttgaggaaag aaaaaccgag cccttatcac aatttgtaca 180

aattatgccat tatgagttca gctttagata cttgatatgc acatagattg cctccctttt 240

ggccattgca attttgtata c 261

<210> 25405
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906276H1

<400> 25405

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tggtttggcg cgccatgcgc cgagtcacca agccttctag gaacccttgg cttgattgca 120

tcaacagata tcctgcacct ctcaacaact gaagcagaat ttgacggcac tagtgttatg 180

aatcttatta tcagtgaggg tatggttagg atcaataagg gtagtactaa tttggtcttc 240

aaaaatgtta catctgtttt ctg

263

<210> 25406
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906277H1

<400> 25406

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acatacactg tctgggctgc gtctgtgcct gttggcggtg gcgtgcaatt aaacccgggc 120
cagtcacgtt ccgtggacgt gcctgcagga acgaaagggg cccgcgtttg gtcccgaacc 180
ggctgcaact tcgacgggtc gggcctctat ggatgccaga ccggtgactg ctgggggtgtc 240
ctcgactgca aagcttacgg tg 262

<210> 25407
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700906278H1

<400> 25407

cacaaagcac aaagcaaagc tcattccttga gttaaaaaat ggcagcagct tcttctctcg 60
ctctctcatc cccattcctt gctggcaagg ccgtgaagct gggcccatca gcccagaag 120
tggaagggt gagcatgagg aagaccggca ccaagcaggt ctctcagga agcccatggt 180
acggcccaga ccgagtcaag tacttgggcc cattctcttg cgagcccccg tctaccta 240
ccggtgagtt cccaggcgac tac 263

<210> 25408
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906280H1

<400> 25408

ccaccagaa ttgttgggtt ccattctcaa aacagagaac aagaagaaga agaaagagag 60

agagtgaaaa cgggaaaagc aaaaagttgt ttctgtgatt gattctctgc aaccgaatca 120
 tcatcagcca cttcttcccg tttcatctct cccatttctt cttttcttcc gctctggttc 180
 agtaaggcga agaggggttaa cgttattcat aatgggttgca acagccgcta cggcgctcgtt 240
 tcttcccgtg cctttgccag ac 262

<210> 25409
 <211> 239
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906183H1
 <400> 25409

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 tgtgggcaac cctaacaatg aggtcactgt taggcagctt gctgaaataa tgattcaggt 120
 ttactcaaag gtaagtggag aacaaaactgc tgaaacacct accattgatg tgagctcaaa 180
 agaattttat ggtgagggat atgatgacag tgacaagaga atccctgaca tgaccataa 239

<210> 25410
 <211> 235
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906184H1
 <400> 25410

tatacgcatc tctccctctc tctccttacc acccaaatg cgtcttctc gccagctcaa 60
 ttacgtgat tcagattcgc ttcttctctt cctttttcta caattctcag atttgaagt 120
 gggtcggttt ttctgcttaa aaagtctctt tcgggtctgaa atttctttgt tttttggcgt 180
 gtcagtgcc tatgagatag aatctgcgcg agaaagcgac agcaatcatt gcagt 235

<210> 25411
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906190H1
 <400> 25411

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 agttcataacc taatccgtca tcccccaactt caaattccac ttataccctc atcgtttctt 120
 ttcccttttaa acccatcatc attccctttc aacatcacat tattcccaac gagttgacac 180
 cgattccact cacccaacca tagaacgatt caggcgattt gagctcatcg aacagc 236

<210> 25412
 <211> 235
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906191H1

<400> 25412

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 caattttctt ttctatgac ccaattccaa atccaaatca ccaattctaa ttccattctt 120
 caggagttga attgaattcg tgatgaagag ggaccacaaa gatagctgcg gcggcgggcg 180
 cgcgcggnag ggactgtgaa gggtgagtgt tcctcaatgc agtcaaacgg gaagg 235

<210> 25413
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906192H1

<400> 25413

ttcatctgca tgcacacagt tgcatagttt tggaaaccaa gaattcctga agaagggtag 60
 catcaacaag cagttctgaa aatggagatc accaatgtca gtgagtatga ggctattgca 120
 aagcagaagt tgccaaagat ggcgtttgac tactacgcat ctggtgcaga ggaccagtgg 180
 actctgcaag agaacagaaa tgccttttcc agaattttgt ttcggccacg tattctt 237

<210> 25414
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906193H1

<400> 25414

gttgatgata aataccagta ctctgtgag aacaagggtca acactgttca tggatggatc 60

agtgttgatg ctgctgatgc accacccgtg ggtttctgga tgataacgcc cagcagcgag 120

tttcgtaatg ctgggcccat caagcaggac cttacttccc atgatggccc catcaccctc 180

tcgatgtttg tgagtactca ctatgctggc aaggaggtaa ccatggcatt tcaaga 236

<210> 25415

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700906195H1

<400> 25415

caggttcagc agtgaccaga aagttttctt tgacgccttt gaggcttcaa tgattaagat 60

gggtaacatt ggtgtgctca ctgggaagaa aggagaaatc agaaaacatt gtaactttgt 120

taacaagaaa tctgttgacg ttgatattgc tagtgtggcc tcagaagaat catcaacaga 180

gggtatggtt acctcaatct aaatggatta ggatgaatag ttttcactta aaatgggtgtg 240

at 242

<210> 25416

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700906201H1

<400> 25416

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gcagcaagtc cctcccaaaa ctctgcagc tgatattggt ggcaatgctt ttgttgatca 120

atactaccat atgttgcatt aaagccctga gctggtgcat aggttttacc aagatgtcag 180

caaacttggc cgtctgagc agaatggcat aatgggtatt acaaccacaa tgcttgatat 240

taacaagaaa atactatcat tgggttatgg gg 272

<210> 25417

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700906202H1

<400> 25417

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 aaaccctaag caaagcaaag cggtaaggat ggggaacacg gagaagctga tgaaccagat 120
 catggaattg aaattcactt cgaaatcgct gcagcgtcaa tcgogtaagt gcgagaagga 180
 ggagaaatcg gagaagctga aggtgaagaa ggcgatcgag aaaggcaaca tggacggcgc 240
 tcgaatctac gcggagaacg cgatccgtaa gcg 273

<210> 25418

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700906203H1

<400> 25418

agccttcaga tgctattgtc tctaatacagt tcaatggcct catgaagtgg atgataattt 60
 tccatatttt attcctacgt ctgtaataga aggagacctt atcgccgtgg tagaaatcac 120
 tctccgcaaa gaattgatac catggttgta caacatatct gtgcccaatt ccaatgtgaa 180
 ggaccacaac attccactgc aatggaagtc caaatcttct acgtgcatac acagggtcgt 240
 ttccttagtc agttagcaag tgtga 265

<210> 25419

<211> 216

<212> DNA

<213> Glycine max

<223> Clone ID: 700906207H1

<400> 25419

aaagaaagct ctctcagagt agagtttgag atcatgaatc agcaaagga tgagctaaaa 60
 gaaaagttag agaaggtgga agctgataaa gctgaactag agatagcttt gatgaaaagt 120
 gaaggggtgta tggaggagtc acagcttcag ttgagggagg cacaagagaa attggaggag 180
 ttgcaaagag aggtagaaaa tgctacaaa tcaaag 216

<210> 25420
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906209H1

<400> 25420

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 atgcaaagta ataaaacatg ttaacagtat aggccaactg cgggaggcag gtcttaaatt 120
 caaggaatat agtggcattt gaggaatgtc acctttcaga tgatacaaac atcattactc 180
 aataccgtaa gattctagat ttgcttatca acactgaaaa agatgtgaat gtactagtgtg 240
 ataaggaaat tattgtcaat tggatgggt 269

<210> 25421
 <211> 183
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906210H1

<400> 25421

atttcctttt cgtacaattc gtgtttgagg aattttgtat tttttttttc ctgttggtaa 60
 tctaaaactt ttcgcatggt aacagccaaa tgaagcagaa cagaggaatt caggatcacc 120
 aaccctaadc aatgcatttc aattgatagg gatgtcttca tgcttagacc tctctggctt 180
 ttt 183

<210> 25422
 <211> 173
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906211H1

<400> 25422

gtcaaacgca gaatcggcgg cagaaattgc caccggaagc acgtcgaaga cggctgaacc 60
 agacacagaa ttccatccac cacttctctt ttcaatcccc aactcaaadc tgtgaagaaa 120
 atctcagatt tctagattgt aattcttagc actactgcta gtagtagtaa aaa 173

<210> 25423
 <211> 264
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906212H1

 <400> 25423

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 gtggaaaaca catgggttcg gagttagcac atcgaattgg catcaatgaa gttgctgaga 120
 gcattatggc tttcaacacc aattacaagg acacgggtct ttttgggtgtt tatgctgttg 180
 ccaagcctga tagcttggat gatttgtctt atgctataat gtatgagaca accaagttgg 240
 cttatcgctt ttcagaagat gatg 264

<210> 25424
 <211> 210
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906213H1

 <400> 25424

 acaaaatgat gaaggtgagg atgatgaagg aacataagac aaagaaaaag gataagaagg 60
 agaaagagaa ggatcacaac aaggaaaaga aggataaaga ggaggggtgag aaagaggata 120
 gcaaggttga agtttctgtt agggatattg atatagaaga aatagaaaaa gaaggtgaaa 180
 aagaagataa aggaaaggat ggtgggaagg 210

<210> 25425
 <211> 270
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906214H1

 <400> 25425

 attcgatctc ctcactcca agaatggtgc caaacagaat tcatgttacc tgtgcattag 60
 tacatgagaa aatgcacacc ggaaggattc acaaaggagt gtgtacaaca tggatgaaga 120
 attctgtacc attggagaaa agccaggact gcagttgggc tactatTTTT gttaggacct 180

ccaacttttag actcccttct gataataaag tgcctataat catgattggt cctggcactg 240
gattggctcc tttcagaggt ttcttgacag 270

<210> 25426
<211> 63
<212> DNA
<213> Glycine max

<223> Clone ID: 700906215H1

<400> 25426

agacagcata tcttaatatc ttccatgctc catccagttg ggcacgacga gtctaaacga 60
gaa 63

<210> 25427
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700906216H1

<400> 25427

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ctacacttac atggggcgca gtttgagcga actccgcac aacgacgatt cctcttcctc 120
cgccttcagc gactgcaaca gtgacagatc tggcgaattc gccaccgctt cttcgcaaac 180
gcgggcggttt ctcatcgctt gcgccaccga aaattccgac gacttgatcc gccaaactcg 240
cgccgatctc cactcctcct ccatcgacg 269

<210> 25428
<211> 206
<212> DNA
<213> Glycine max

<223> Clone ID: 700906219H1

<400> 25428

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cttctctctt gctcttgacg gagagagcca tgtccatgca tcgctacctg aggaagatta 120
ttgggaagct gtttggccaa aactcccat tccactgca ctgcgagagc ttctaaagcc 180

tctccctgca ggtgttgaaa tcgatg

206

<210> 25429
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906220H1

<400> 25429

gaaatcgga gaaggattag ggtttgtgga gatgcaaggg caaggcgttg atgaagtgag 60
catagaagag ttggcgtcga atctttccct ctacaaagat caactgaacc aggttagaga 120
actcttaaac gatgaccctg caaattctga atatgttgac atggagaggg aactttccga 180
ggtaagctca attcaacccc agttttgatg ttttgtttcc gccttgttct ctatcattca 240
ttcatcatcg agtaagcaga tagatcc 267

<210> 25430
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906221H1

<400> 25430

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ttcaccatca ttgcgcatgc aattgttctt caaaacgaaa cttcaaatt tgagaactca 120
ggtgaacttg gaccctacat cgttgagtac ggtgcagatt acagaatgat aagcatcttc 180
aactctccat tccaagttgg tttctacaac accaccccaa atgccttcac tctagctttg 240
cgtgtagggc tccaacgctc ggagcag 267

<210> 25431
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906222H1

<400> 25431

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agacttacac gcaagaggaa ttccaagact tgtgcttcag tttcgggatc gagcttgacg 120
 acgtcacgac ggagaaggca attgtgagaa aagagaagca tttggaggaa gaagaagctg 180
 atgaggacga agaagttatc taaaaaatcg aagttcctgc caacagatat gacctcctgt 240
 gccttgatag gcttgctcaa gccctcc 267

<210> 25432
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906182H1
 <400> 25432

ataacactcg atccagcaca taacaatgga aacgcagctt tacgtgtttt ctctctagat 60
 tctgctctta aacgccgtcg ttttcaaact ctttttttcc ccttcgtttc tctgtctttg 120
 taaccgaaag gggggaaaat ataattaaca ccgattttgc gaccaattct tcttctgcgt 180
 tgaattggga caacgagaaa ttggatctca gtttttggca ggaaataaaa attgcatttg 240

<210> 25433
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906223H1
 <400> 25433

at ttggaaac agctagcaac tatggctctc atgcagctta ctagctctcc tgttgctta 60
 ttgctccgtt tcatagtaat atttgctcta tgttacagaa caatggcttt ggtgaagttg 120
 ccaccaaacg cttcatcagt tccggcgggtt ttagcgtttg gagattcgat cgtggactca 180
 ggcaacaaca acaacataaa aacactgatt aagtgcact tcccaccta tggaaaagat 240
 tttcagggag gatacccaac tggtc 265

<210> 25434
 <211> 191
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906226H1

<400> 25434

gaaaaatccc cacaattggg gcgagtcctt gaagctctga aagaagccac ccacgacatc 60
 caacgacacc actcctcgga ttccccagcc ataaaggcac tcttggaact cactccatt 120
 ctctctctct cggaccccta cctctccgct ctctccgacc acctcatccg cctcaaaacc 180
 ctcgtcact c 191

<210> 25435

<211> 146

<212> DNA

<213> Glycine max

<223> Clone ID: 700906228H1

<400> 25435

ctgaggcact gaaagtgtga tatggcaaga gtcatttctt cttactgcgc acgcctcgca 60
 atgcgcctct tctccaccag caccacagcc aacgcgttcg ccgtcacttt acccaaacc 120
 tcactactct ccctctcatc gggtcg 146

<210> 25436

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700906146H1

<400> 25436

cttctcttgc ggctaggggt ttagcgcaca tttcttagat ttacggaaga tgggtaagga 60
 aaaggttcac atcagtattg tggtcattgg ccatgtcgac tctgggaaat cactaccac 120
 tggtcacctg atttacaagc ttggaggcat tgacaagcgt gttattgaga ggtttgagaa 180
 ggaagctgct gagatgaaca agagggtctt caagtatgcc tgggtgctgg acaaacttaa 240
 ggctg 245

<210> 25437

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700906147H1

<400> 25437

tatcaatcaa atgaatggtg ccaattctgt ttcagaagat gaaaatgagg atcttcttgc 60
 tgactttatt gatgaagatt gtcaactacc aagtcgaagt tctaaacccc atcattcaag 120
 tagactctct tcacatgtta atgacgaaga gaatacaaca caaactggat cttctctctg 180
 tctattaaag tctatggata aatatgcaag gcttatgcag aaattggaag tggtaaattg 240
 tgagtt 246

<210> 25438

<211> 72

<212> DNA

<213> Glycine max

<223> Clone ID: 700906149H1

<400> 25438

tcgctctcgc ggtctgtgtc ccggtctgag catggaggaa gacaacagtc aatcaaaaac 60
 cgagaacccc ac 72

<210> 25439

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700906150H1

<400> 25439

tctttcccca atttgtgagt gttactgttg aatcgattgg attggcatta ggttgatctg 60
 aaatacgcaa ttgacatggc gagcgcgatg gtagaggacg cgaacttcga agatgaccaa 120
 ctagccaata tgaccaccga cgacatcgtc agagcttctc gtcttctcga caacgagatt 180
 cgcacctca aggaagagtt gcagaggacc aatttggaaat tggaatcgta caaggacaag 240
 atcaa 245

<210> 25440

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700906151H1

<400> 25440

gcactctctt gttttctctc tcacctcat atccatcatc ttccacaccc atggagcgtc 60
 ctctgagcaa tcaataatca agttaccac agaccaacca agggtagaga aactgacca 120
 cttgcatttt ttctaccacg acatcttaga gggcaagaac atcacggtgg tgaaaatcat 180
 cgagccatca gcgagcgagg ttcgtgaagc aactgggttt ggaaccactt tcatgatgga 240
 caa 243

<210> 25441

<211> 81

<212> DNA

<213> Glycine max

<223> Clone ID: 700906152H1

<400> 25441

gcagcctctg ctctgttctt cctcgacatc aaaggccgcg tcctcatctg gcgcgactac 60
 cgcgggcgacg tctccgccct c 81

<210> 25442

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700906153H1

<400> 25442

gtttgttcca gcgttgaaaa cgtgcgctcg gattaaaata accgaccga acccgaaatg 60
 ggatatggaa acaatgcccc gtgctagagt catgagtac atggttttac tcccgaacgg 120
 cgacgttttg attgttaatg gagcagccgt agggactgcg ggctgggaat tgggccgtaa 180
 cccgctactg agtccgtttc ttataaaacc aaataatcg gtcgggtcga gatttg 236

<210> 25443

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700906154H1

<400> 25443

<223> Clone ID: 700906157H1

<400> 25446

gaaacagaca cgtggtgggt tggaataaaa ttggccatgt ttacgacaag ttctgtaggc 60
atgttggtgc ctccatagca gtggctttgt ttggaagcgt tgtgacagtc ttgctcattt 120
ggctttcagc ttacagcatt catagccgag tccccaaagta gatggaagga acatggatca 180
tgcattctgc atatttatgc atacatcttc atttattggt tataaagtta gtgtgctcag 240
t 241

<210> 25447

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700906158H1

<400> 25447

cttgattctg ttgttatttg catttgaagc tgtttgcttg gggacgaaag tatttttttg 60
ctcagagaca aatgaaaaaa aaaatgtaaa acaagattgt tacatgcatg tggatgtaca 120
aaatgctgct acatattgct tgaaatttta caataaggaa aaaaaaaaaa ttgaaatgc 180
aatatgtaaa aatcaagtct tttataccgt gagtgattat tgacgaataa agcctgctaa 240
at 242

<210> 25448

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700906159H1

<400> 25448

ggctttgcga gctgcacatg gaaaatgggg aaagctggga gctgaagagg aagaagaaga 60
agaagaagaa gaaaaggagg aggggtggtga gtttggtggt gttctgagga tgtgggaggg 120
tgaagttctt gattgtttcg atgatcatcg catagctatt gaatccacgt gttgtccttg 180
ctaccgattt gggaaaaaca tgaagagagc tggttttggt tcttgctaca ttcaggcagc 240

<210> 25449

<211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906161H1

<400> 25449

ttccactccc cccaatagcc gctattctac tgcgaagcaa atcagaacaa gagaagagaa 60
 tggcaggagc agaggggcta aacagagaac agtacgtgta ccttgcgaaac tgtcggagca 120
 ggcggagcgg tacgaagaga tggaggagtt catgcagaag gtgggtgggtgg ggtggacgcc 180
 ggcgtcggag ctcacgggtg aggagcgcaa cctcctctcg gtggcctaca agaacgtgat 240
 cgg 243

<210> 25450
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906162H1

<400> 25450

ctcgtttttt ctcagaacct tctgagggtta aagcaaaaaa caaagagaga gagagagaga 60
 aaatgatgaa gccatcgatg ctcagatctc tccactccgc cgccaccgcg ggcgctcttc 120
 atctcttccg ccgtgggtac gcctccgagc cgggtgccga gcgcaaggta gccgttctcg 180
 gcgcgcgcgg ctgggatcgg gcagcctctc tcccttctca tgaagctcaa tcccctcggt 240
 tcgagc 246

<210> 25451
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906163H1

<400> 25451

tcgaaaccga ttagattaga ggcttcaaac aagaggcccc aaaacccaaa ccctattctg 60
 gttcacttgc gattatggcg tctgagagcg cttctcgatc gagttccgcg gccgattcgt 120
 acattgggag cttgataagc ttgacctcta agagtgagat cagatacgaa ggcatactct 180

acaacatcaa caccgaagag tccagtattg gcctcagaaa cgtgcgatct tttggaacag 240
aagga 245

<210> 25452
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700906164H1

<400> 25452

aaactgacat agttcagact tcagacttcc cattccaatt tccaagtttt tcaaagaagg 60
tgagtgatga gcâtggagca tttgccagga gaattggtgt ccaacgtgct ctcaaggtta 120
ccatcgaagg tgttgcttct atgcaagtgc gtgtgcaagt cctgggttcga tctcataacc 180
gatcctcatt ttgtttccaa ttactatgtt gtctacaaca gtcttcaaag ccaagaggag 240
catctct 247

<210> 25453
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700906165H1

<400> 25453

gtgctaaatc cctagtaagc cgccatgggtg aagtactcaa gggagcctga caatccaacc 60
aagtcttgca aggctagagg cgccgacctt cgggttcatt ttaagaacac tagggacact 120
gcctttgcaa tcaggaagtt gcccttggtt aaagctaaaa ggtacttgga agatgttctt 180
gcgcaacaagc aggccattcc gttcagacgt ttctgtcgtg gtggttggaag gacagctcaa 240
gcaaaga 247

<210> 25454
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700906166H1

<400> 25454

cgggtgaagaa ctacgaaagc accgaccaga acttcaacaa caacaacagc ataatcggaa 60
 acgcgagtgga gggagcgtcg gatatggctt tgggtgattc gatccagccg gacatcgatg 120
 aggatctcca cagtcggcaa ctcgctgtgt atgggcgaga gaccatgcgg aggctctttg 180
 gttccaacgt tcttgtctcc tggatgcagg gtcttggcgt tgagattgct aagaatctca 240
 ttct 244

<210> 25455
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906167H1
 <400> 25455

caaggagcga aacatcattc ataaggtcac atcttcatta actggatcaa ttattgttga 60
 agatgtaatt tatgaaaatg ttgatagtga agtcagttgt atttttcctt ctggagagtt 120
 gatgtttcga cgccttgtat tcgagagagc tgcaaatttg gtgcagtctg aagctttgct 180
 aaaagatgaa cagttgccta ccaaattggt tagtgagaca gggaagaaga aaaacaatgc 240

<210> 25456
 <211> 81
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906168H1
 <400> 25456

cacggagatg atagcgaaag acgaaattta cgatagcttt tgaaggtagc agtttttgtc 60
 atcactctct cagctgatcg g 81

<210> 25457
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906170H1
 <400> 25457

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atcactttcc tctgctctct tcttgagagg gtggctgagt caaatgatca caaccaacac 120
 ctccaacagc accagaagat ctgagtgttc catggcctga caaggcaaac atctcaattc 180
 agtgcctatct tgagagaatc ttcaagtacg cgaaatgcag cccttcatgc t 231

<210> 25458
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906144H1
 <400> 25458

gccttccgaa ggtggcagcc cctccgacct cctcttctct gctggcggtg gttcttccca 60
 ttaacattct aaagtagtat tagccattaa cattacatcc tacaccttca aaagttctct 120
 ctattagcgg tttctgggtt cttttgttct tcttctttgg tagttgttag gtttggtgag 180
 gtctaagatg ttgagcatta agaggggtcc cactgtgggt tcaaattatc aaaaagaaga 240
 ga 242

<210> 25459
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906175H1
 <400> 25459

cgcattctca ttgggttcag tgagagttct ttcttttgtt tgcaactcat taaagttaat 60
 gcctttcaag tccattcaca ctggtgtcag ttttcataga gagatctaga cactttaacc 120
 atttgggggtg tgaagaacaa tcaaactaac ttgtgggggtg tgtgtgaggt tcatcaatct 180
 tcatcaagag tcaactgaatt ggtgaccctt tgatcaaagg gccaaaaggg taccgg 237

<210> 25460
 <211> 232
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906178H1
 <400> 25460

cttgcaagtaa tggcttcaat gaataaccaa aaagaaattg agctctttga gggccaatct 60
 cttctgtaca tgcagctata tgggcaccta agacctatgt gtcttaagtg ggctgttcaa 120
 ctaggtattc cagacatcat acaaatttat gccaaaccca tttctctttc tgacttggtc 180
 tctactcttc aaattccacc agctaacgct gtcacngtgc agcgggttcat gc 232

<210> 25461
 <211> 238
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906179H1
 <400> 25461

acagattact gagattgttt tgtttttcat ttttggttgt tttttttggc ggaaataact 60
 cgtaataagc atgacaagca ccatgcaact aactatgggtc aagggcacga tccctgatgc 120
 tttgagtaga agagtgtgtt gtcagtgtca agcatccctg tggccgcat ggccaattgg 180
 gttttttgct cccgttcccc ttgtgaggag agtttcgagt gagaggggtg cgacactc 238

<210> 25462
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906180H1
 <400> 25462

agattgggca tccatttctg ttcttccagc ttctccaatc gcttgtatga gaagaatgaa 60
 tttgttgaat agtaacatga gatttaggaa agccgtgaat aatctttgta gcatgctcag 120
 tgaacgatat gcaaagcaac tggaaaagtc ccagtactcg tcattaaaca atgatcgcaa 180
 acagtttgtg cgatcccagt cctgtgaagg aatctcaaga aatgaagaa attacatcag 240
 ctatt 245

<210> 25463
 <211> 241
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906181H1

<400> 25463

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 tgatgcagtt cttaggagac tggtaaagag aatatacgta cctttaccag atgaaaatgt 120
 tcggaagctt ctgctgaaac acaaaactcaa ggggtcaagca ttctccttac taagtagaga 180
 tcttgagagg cttgtaaagg agattgaacg atattctggc agtgatctgc aagcctgggtg 240
 t 241

<210> 25464

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700906095H1

<400> 25464

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 tctggaagcc gcatttgagg agaaaacgga gaataacagg ttctgctggtg tggattttga 120
 gattggaaaag ggaaagtcag tatttgacc tcctcaacgc gctctcggcg cgtgaccaga 180
 acgcggtggt gaagatcgcg gctgtggcgg agaacggcgg cgaggagaga gtgcgcgccg 240
 tgggagacat gctgagtcta ctcgca 266

<210> 25465

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700906103H1

<400> 25465

gtttggtctt gttagggttac ctctgtgaca tttgtgttgt tagttcgtag ttgcggctga 60
 caccagaaa gaaagaaagc aggaacaaaa caaaaggcg cagatgggta gcacaggttt 120
 ctcatggaaa ttggcggatc atccaaagct tccaaaggt aagactgtgg ctgtggtggt 180
 gttggatggt tggggagagg ccacacccaa tgagtacaac tgcattccaca aggctgaaac 240
 accctgcatg g 251

<210> 25466
 <211> 248
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906108H1

 <400> 25466

 ctcgagccgc gtttttgacg taccctctct tctccaagct gtggccgccg acactgttat 60
 cgccgctgcg caatctatcg ctttgattgg atatctgctg actaatgaca ctaattcagt 120
 gtcaccaaatt ttgacagcag cgaatggaag gtttccttta gaagaccttt ttgggaggaa 180
 acatgcttat ctagaaaaca agaatagtga aacagaggac gacgacgagg atggagatga 240
 ggatgatg 248

<210> 25467
 <211> 118
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906109H1

 <400> 25467

 gaggaacctc tctttcttct tcttcttctt cttcaccttc ttcgccgccg tcagatctga 60
 tccctcagat caccgctaca aagaaggcga ccccgtcctt ctctacgcca acaaagtt 118

<210> 25468
 <211> 248
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906110H1

 <400> 25468

 gctccgggtc ctgttcctcc tgctgatggc agtgatggtg gagtggattt gcaattgcaa 60
 tggaattatg gtttgagacc agagaggaag agactaaaag aacaggattt tttggagaac 120
 aattctcaga tatcttctgt tgatttcctt caaccacgat cagtgtcgac tgggttgggc 180
 ttgtcactag acaataactca cctgacatcc accggagact cagctttgtt gtcactcatc 240
 ggtgatga 248

<210> 25469
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906112H1

<400> 25469

tttcgttatt ctcttattca tccttctctt ctgaataatc catatctctt tctgcccttt 60
 tctccgtcac gcttttcgtg accggatctg tatggatttg atccagatct acacgccgat 120
 ggtgggttttg gccgtgtctt tcatagatct ggtgcgtaga ggctcagatc tacggtaccg 180
 aggtacaaca gataatcgat gacaagaacg cagatccgac ggtagatcca gccgattccg 240
 cttgttc 247

<210> 25470
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906113H1

<400> 25470

tcgtgatcca gggttgcaac atcgccccag aagccgaact tttccctaca aggttccaag 60
 tgaagtcata ctttgtaggg ccatggacgc aattctcaag gacggttgtg atggaatcca 120
 ccgtgggtga cttccttcac cccgaaggat ggtgcccatg ggccggtgaa cacttcgaag 180
 acaccttgta ctatgctgaa tacaacaacg atggacctgg tgccaacggt aacggaagga 240
 tcaagtgg 248

<210> 25471
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906114H1

<400> 25471

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 gcttcacagg ctgggactaa gagcagtggg tagtcatata tggcactctt ggcttcgcga 120
 gcaatgtcga aggggtgtggg ggtatcagtg cctgttcttg ttctatctgc tttagtggcc 180

actgttttcc tgtttcttct tttgtctct ctttcctcct gctcctgcc tactccttca 240
gaaatatctg 250

<210> 25472
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700906115H1

<400> 25472

ctcacttgcc ttatttttgg ttttgagatt gagctaaagg ccaactcaac catcgaattt 60
gttggtgatt gaaagagaag gaagaagaag caggaaatgg aagcagtgag agctggtcga 120
gaaggagcaa taggtctagg tcaaggtgat ggcgtagcaa ggacagcact gagactgaac 180
tcacccaaat ccgtctctc agggcaattg ttgaaaccg tgatccctct tccaaggtaa 240
accacactat t 251

<210> 25473
<211> 141
<212> DNA
<213> Glycine max

<223> Clone ID: 700906116H1

<400> 25473

ctgccccct ttttttaagt tgtgttattt tataagggga aaagggcaag aggatgtaaa 60
tttttacttt ttctggttga gaacgttgga tgcattaatg ttaaaacttt gtaattgttc 120
catctggtec atggccagcg t 141

<210> 25474
<211> 75
<212> DNA
<213> Glycine max

<223> Clone ID: 700906117H1

<400> 25474

gctagccaga aaacagaact tgggtgctgag gtgttgaatg attactgggt gtctgtcact 60
tcaggaagtg aggat 75

<210> 25475
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906121H1

<400> 25475

ctcagatacc aaaatggcta tcaccgggtg cacaaaatat gataaggaga attcttgatc 60
 ctaaccccgga aacacggata acaatggctg ggattaaaga agacccatgg ttcaagaagg 120
 gttatattcc agcaaatacct gaggatgagg atgtacatgt tgacaatgaa gccttttcct 180
 cccatgaaga accaaatgaa gcagaacaga ggaattcagg atcaccaacc ctaatccgtg 240
 cattt 245

<210> 25476
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906122H1

<400> 25476

aaacttgata tcttgaatta ccagaccatg catgcattag gtctgcttca actaaaagac 60
 cctctaaaat taatttcatt tccaaaatcc gcaatccaag gtgcaaagcc tgtaatctct 120
 cagaacttgt ggccacgcaa agcttcaaag aactcatcag atccattggt aaagcttggt 180
 catgaactgc agagagattt ggaattagta tatgttgggc aagtttgcct ctcttgggaa 240
 atc 243

<210> 25477
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906123H1

<400> 25477

acagcgcaac aagcagtgtt tcatcaccat agtcttattt aaaaaagact acaactttcc 60
 ccttccttaa tccttacgca caatgattgg ctatttgact tgttcacttc atggttttcg 120

ctaagtttgt cttctacttc cgtgttagtg tcacaaaaat ttgaaaaaat aggttatgta 180
 tggaacgtga aacaatttta caataaaatc tcattataaa ctgccattat attagtttaa 240
 cca 243

<210> 25478
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906125H1
 <400> 25478

gtctcacaca cccttctact ctcgaaacc ccaagatctc ttttggtgct aaggatgttg 60
 atgtgacgga atggaaaggg gccattctgg cagtgggtgt tacggaaaaa gatttggcta 120
 gagatgctaa ctcgaaagttt gagaatgtga ttttgagcaa gattgactca aagttgggtg 180
 gtttattagc tgaagcctct tctgaagagg atttctctgg caaagttggt cagtcaactg 240
 ttctta 246

<210> 25479
 <211> 244
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906126H1
 <400> 25479

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 tccatcacat actctcaact gtggttgaca gagacaccac tgggaatgcc aaaaaaatgt 180
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 <213> Glycine max
 <223> Clone ID: 700906127H1

<400> 25480

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tgtgtgtgtg tgctgtctc acaccacaaa cactgaaagt acaatcttct tgtgggttaca 180
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<210> 25481

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700906128H1

<400> 25481

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attccccctc acaagacatt gcagtctgcc attacttoca aggaatcgga atcttcaagc 180
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<210> 25482

<211> 120

<212> DNA

<213> Glycine max

<223> Clone ID: 700906133H1

<400> 25482

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<210> 25483

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700906134H1

<400> 25483

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 cccttctctt ccataccctc cctgaccac ccacactctc atggcccgaa tccgccaccg 180
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<210> 25484

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700906136H1

<400> 25484

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 ataggcagtg gcttggttaa gggaaaccac cggagccgta gcgaaagcga gtcttcacag 180
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<210> 25485

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700906137H1

<400> 25485

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 acaatgattg cgggagcccc ttttgttctt cctcttgctc acaaacataa cataaaaatt 180
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<210> 25486
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 <213> Glycine max

<223> Clone ID: 700906138H1

<400> 25486

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<223> Clone ID: 700906139H1

<400> 25487

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 caaggggttta acctttctgg ctgtgttaat atgcgtttca gcactgtcac tgagtccttc 180
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<210> 25488
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906094H1

<400> 25488

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 ttctttttaa cgtggttgat agtcatcata cctaccttgc atgccaatgt caaggaggat 180
 gaaatatatt ggaagaggca aagtcaaata cttaatgatt catattggaa gcaaaaagca 240

tcctcctcct cccaagcagc aatcgtcggt cagtgcctccc gaagagaacc gttcgaagca 120
gcagcagcgc aagaggaaga gaatgaagct tcaagaagaa gaggaagagg aagaggagaa 180
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<210> 25492
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700906065H1

<400> 25492

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gtttttgggt ctcaaagagt gcatactctt gttcagtgcg cgccagatct atcaagcgaa 180
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agaggtggaa tggttctatt tccaa 265

<210> 25493
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906066H1

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ggaatgctgt gggaagtga ggggaagtgg gttgttaaag gagcagttga tgtagacatt 180
ggtgcaaacc cttctgctga ggggtggagga gaagatgagg gagttgatga tgcagctggt 240
aaggttgttg acattgttga ca 262

<210> 25494
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700906067H1

<400> 25494

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 ctccctcccg tttctgatcg ccccgaggtt ccagctcgag ctgctgagac agctgctgta 180
 gctcgtgctc ttgcaggggt acctcctcat cagagatata gtctttcttc aagttcagaa 240
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<210> 25495

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700906068H1

<400> 25495

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 aagacggaag cgtttgggct cagagcacca acttccctca gttcaaacct gaggaataa 180
 ctgccatcaa taatgacttt aatgagcctg gatcacttgc tccactggat tgtatatcgg 240
 tggcaccaaa tacatgggtca 260

<210> 25496

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700906070H1

<400> 25496

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 ctacgtgcc acatgggcct ttgatcacat caaatatttc aatgggtggtt ctgacattca 180
 gcttcattt gacaagtaca ctggtactgg cttccagtcc aaagggtctt acttggttgg 240
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<210> 25497
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700906071H1

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cgtgtgcttc acttagctca agagcgtaca attcaggcaa aggccttgaa gtcggagtgt 180
gttaagggtt cttaggagtt gctgctgtct tgactgaaga aatggaggta taagcttagc 240
tgctcagggt ctaatata 258

<210> 25498
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906072H1

<400> 25498

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attcaacgtc gccgatctca cttctgctct caacgaggac tatagagcag accttgtaa 180
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gtcgcccaat gtccgaaagc 260

<210> 25499
<211> 259
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<223> Clone ID: 700906073H1

<400> 25499

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atggactcat tgatgccatc atgggatcca ctgctattac catctccaac agccatttca 180
cagaccacaa tgaggtgatg ttgtttggtg ccagtgacag ttattctgat gataagatca 240
tgcaaatac cttggcatt 259

<210> 25500
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<223> Clone ID: 700906074H1
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ttcaaaagaa tcctcattac 260

<210> 25501
<211> 261
<212> DNA
<213> Glycine max
<223> Clone ID: 700906075H1
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ccaatatgga tactagtgat tggagaggtg gactgccgca cgagtcacgc caaagaattg 180
tcaacaaaat aatggacacg ttaaaaagac atcttctgt ttctgttcaa gagggattgc 240
atgaacttca gaagattgct c 261

<210> 25502
<211> 130
<212> DNA
<213> Glycine max
<223> Clone ID: 700906076H1

<400> 25502

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<210> 25503

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700906077H1

<400> 25503

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acgacttaat actttctttt aaacacactc tttctatcgc gctctctcac tttcccgctc 180
tcgcggggaag gtttgagacc gattccaacg gttacgttaa tattgtatgc aacgacgctg 240
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<210> 25504

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700906078H1

<400> 25504

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acgagcattt cttcggcgag atgggttcgg ggcagattgg cggcggcgga aacggtggtg 180
gttgttctaa cggcgggagt tggtgtgata tgagtgtgaa gtgttcgtgt aggtggagat 240
tgagaaacca acaatactac 260

<210> 25505

<211> 265

<212> DNA

<213> Glycine max


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<210>      25508
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<223>      Clone ID: 700906082H1

<400>      25508

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<210>      25509
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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700906083H1

<400>      25509

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aatcgcattc aggtctccaa caccaaaaag cccctcttct tctacgtcaa tctcgccaag  120
aggatatatgc aacagcataa tgaagttgag ctctcagcac taggaatggc tattgctacg  180
gtgggttactg ttgctgaaat cttgaaaaac aatgagcttg ctggtgaaaa gaaaatcaca  240
acatcaacag ttgacatca                               259


<210>      25510
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<213>      Glycine max

<223>      Clone ID: 700906084H1

<400>      25510

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gctatgatga cctcaaagat attgggttcag gaaattttgc tgtggccaag cttgttagag  120
acaactacac caatgagctt tttgctgtca agtttattga gagaggccag aagattgatg  180
agcatgtcca gagggaaatc atgaaccaca gatcattgaa gcacccaac attattagat  240
tcgaagaggt cctgttgac                               259

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<223> Clone ID: 700906085H1

<400> 25511

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 tgatcaagca ctggggtttca gttttgagga atgagcaaac tccttgcccc atcttcagaa 180
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<210> 25512
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906087H1

<400> 25512

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 tgggggGcag 250

<210> 25513
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906089H1

<400> 25513

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gctcatgttg atcacggaaa atcaaccctg actgattctc ttgtggctgc tgctgggtatt 180
attgctcaag aagttgcagg tgatgtccgt atgactgata cccgtgcaga tgaagctgag 240
cgtgggtatta caatcaag 258

<210> 25514
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700906090H1

<400> 25514

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aaggaaaagg ttcacatcag tattgtggtc attggccatg tcgactctgg gaaatccact 120
accactggtc acctgattta caagcttgga ggcatgaca agcgtgttat tgagaggttt 180
gagaaggaag ctgctgagat gaacaagagg tctttcaagt atgcctgggt gctggacaaa 240
cttaaggctg agcgtgaa 258

<210> 25515
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906093H1

<400> 25515

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gcgaacaaag cacaattagg tgaatggtat aatactaattg tggggccttt agatcaaaga 180
aagagcaccg tggacccagc attggtgact gctgaagaag gcgctaaggt tgtaaagggtg 240
atgcaagatg gcagtggg 258

<210> 25516
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700906063H1

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<400> 25516

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aaatagaata agttttggga ggagtcccat gcatgcaa at gcagaagcac ttcaccaaga 180
cagtgcacaat ctgatactgg aacatgtaaa tgcagaaaga gcgggggggg cagtctcgca 240
gatttcttat gcagact 257

<210> 25517

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700906029H1

<400> 25517

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aatcggaaga gtttctctc gacgaccaag agttcggcat cgaggaggga cgagcctcct 180
tcgattccga ttcgcacca tctccacact ccaccttgag gaagagcttt tctgactcct 240
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<210> 25518

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700906030H1

<400> 25518

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ctccctgaa agaacagttt ccacgcggtt tgtttactct gctagctttt tgcttattct 180
cttcctgctt tagctgcacc agcattgttt gttaaagtgt taaatggctc ttagattttc 240
gggtttttcg tgggtgggtt caagaatttg 270

<210> 25519
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 <212> DNA
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 <223> Clone ID: 700906031H1

 <400> 25519

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 ggaatagccc aagtcgctgc catgcacggc atcgacgttt ggcttcacga cctcgaccct 180
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 aaccacatct ctcaggttgc ggggtgctgat gctt 274

<210> 25520
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906033H1

 <400> 25520

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 ggcagcaaca acaacaacct ccctctgaac gtccccttcg ccccttctc ccgctccgac 180
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<210> 25521
 <211> 273
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906034H1

 <400> 25521

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 taactcgtaa gccaaatgtg tgtgtgttta atatcttggg taagtaccat tgcaaaaatg 180

gggatcttga ttctgctttt gagattgtag aagaagcgag aaactctgag ttttcttacc 240
ctaatttagt tacttactcg acccttatgg acg 273

<210> 25522
<211> 77
<212> DNA
<213> Glycine max

<223> Clone ID: 700906035H1

<400> 25522

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tctgtccaag gaacata 77

<210> 25523
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906037H1

<400> 25523

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gggtctatcta tcccttggag aattaaagaa acttagaatc cttgttgctg atgcaaaagc 180
aaatgatatt aaagtagcac ttgctttagt aaaaagaatg cttgaaagaa acacattcct 240
ttttggctct gttgacttga tggaag 266

<210> 25524
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906038H1

<400> 25524

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ctccacctaa ttccatttgg ataagacgtg atctcttcca tgagacgaag aataaccatc 180

aaggctccat cgctctatcc aaactattca ttaagaaatg aacctgctat actacaccat 240
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<210> 25525
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906039H1

<400> 25525

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 ggacattcca attctctggc tggataagtg cccagaaagg ttatgttaga gcattgaata 180
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<210> 25526
 <211> 81
 <212> DNA
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<223> Clone ID: 700906040H1

<400> 25526

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<210> 25527
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 <212> DNA
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<223> Clone ID: 700906041H1

<400> 25527

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 atttcccctc ctcaaaggcg tagttttgtg tcgatttgta aattcattcg gtagtttagg 180

ttagaatttt tgtgtcaagt ttttaggggt ttgaatcggg gagatgaatc acaacaacag 240
caacaacaat agagcgaggt accctcc 267

<210> 25528
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906042H1

<400> 25528

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aagaactttg atgatgatga tgatgatgat gatgatgtgg agatggcact ccccatagc 180
cagatctctg aatcaagatc tgccactgtt tcttccccca ttggccaaac taccctgctt 240
cacattcaca acattattga ggaaca 266

<210> 25529
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906043H1

<400> 25529

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ccctgatcca attctctcct tgggggagga acaggatcag agctgtggaa gcagctgctg 180
ttcctgtttt gattgagctt cttctcgatt gcaaggagag aaagccttgt gagatgatgc 240
tggtgttggt ggagctgcta tgccag 266

<210> 25530
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906044H1

<400> 25530

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 aagatcacc c tgggtgggat gaggtcctgt tgtcttccac agggaaagat gcaaccaatg 180
 attttgagga tattgggtcac agcaccagt c cgtagccat gatggatgag ttctatgttg 240
 gagacattga tacatcaacc atccccag 268

<210> 25531
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906045H1
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<210> 25532
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906046H1
 <400> 25532

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 gggcttcata ccgtttggag taggtgtgag gacatgcac ggacaaaacc tggcgctgct 180
 acaaacaaa ctcgcccttg caatcatact ccagcggttt actttctgct tggcccctac 240
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<210> 25533
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906047H1
 <400> 25533

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906052H1
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 ctgttgctgc ttcttaagcc tttttctttt cttatgtggg ttccccctt cccctttcgg 120
 ttttctgcac tttagagaga ctaccagaca tggctggcag taaccaggtc aatctcaatg 180
 aatctaggag tgttggttccg ttaaatacat ggggtgcttat ttccaatttc aagctgtctt 240
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<210> 25537
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906054H1
 <400> 25537
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 cgtaccggcg gccacttcgc tctctcttct ttctcatcgg aatttgcta acgcaaggat 180
 tcagaacact gatatgagac ttgaatcggg aacttgcaat gtgtgctcag ctccttgttc 240
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<210> 25538
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906055H1
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 ggtcaaagaa gtccaatctt aaggcagaga gagttaatta cacggctgaa ttcataattg 180
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<212> DNA
 <213> Glycine max

<223> Clone ID: 700906028H1

<400> 25542

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 tttgatagac ggtggtatgt ctctgtatgg attttgattg tttcaagttt taatttaatt 180
 gactgtagtt ttgaat 196

<210> 25543
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906061H1

<400> 25543

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 gcaggttccg tcgccgtcaa cctcgacatc gtcgccgcca cctctttcat cgttctcaat 180
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<210> 25544
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700905993H1

<400> 25544

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 gtgatagaag aaaattggtg gattggaact aaacattggt tctgttgga agacaaatc 180
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<210> 25545
 <211> 239
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905994H1

 <400> 25545

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 catttatggg tttattccgc catttgaagg aaccttatgc tcttaaaaca aataaaaccc 180
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<210> 25546
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905995H1

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<210> 25547
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700905996H1

 <400> 25547

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<210> 25548
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<212> DNA
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 <223> Clone ID: 700906002H1
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<210> 25549
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<210> 25550
 <211> 274
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906004H1
 <400> 25550

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 agctgttggtt ttactgata tcagtcttga gaaagccttt gagttcaatg attactgcc 180
 cagtcacag cctcctattg cctttattaa aactgaagtt agaggccttt ttggttctgt 240
 gttctgtgat ttgggcctg agtttactgt tggt 274